



2020

Powersports Battery

Applications & Specifications

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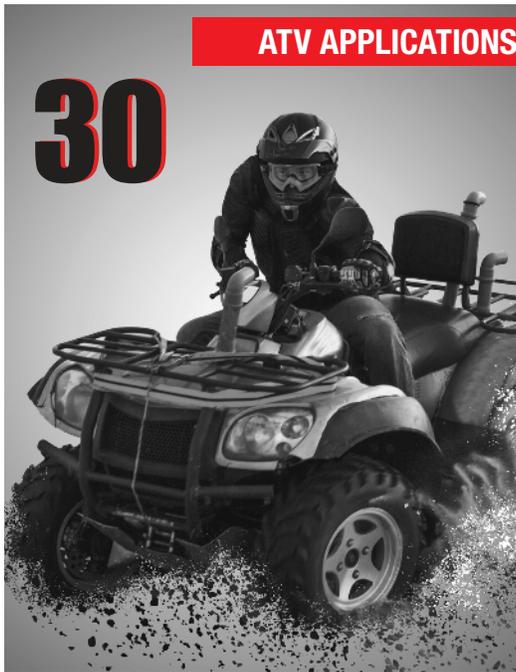
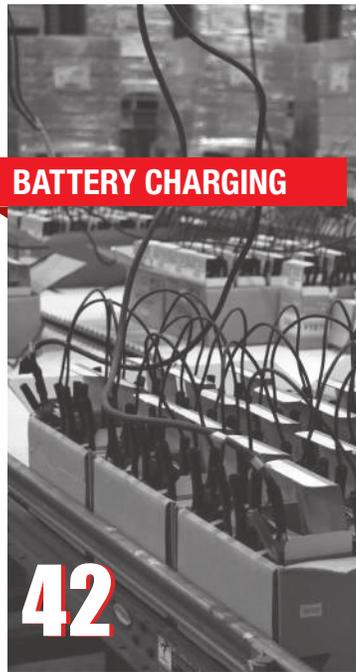
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The replacement battery information published in this book has been obtained from the equipment manufacturers listed, except as otherwise noted. Users are cautioned that the information contained in this book was the most current information provided to us at the time of publication. The information is subject to change upon notice from equipment manufacturers or field experience. Users should always use the most current edition of the Yuasa Battery Applications and Specifications. Yuasa expressly denies any responsibility for the accuracy of the information provided to us. While we have made every effort to accurately catalog the replacement battery information contained in this book, Yuasa denies any liability for damages as a consequence of using the information in this book. Users should also attempt to obtain replacement battery information from the equipment manufacturer's user manual or service department for their specific application.

YUASA BATTERY

THE PIONEER AND LEADER
OF POWERSPORTS BATTERIES
SINCE 1979

ADVANCED ENGINEERING, PREMIUM



1981

• 1st OEM motorcycle battery YB14L-A2 to Honda

1985

• 1st OEM ATV battery YB14A-A2 to Polaris
• 1st OEM snowmobile battery YB16L-B to Arctic Cat

1979

• 1st Conventional battery: 12N14-3A
• 1st Yumicron battery: YB14L-A2

1983

• World's 1st maintenance-free AGM motorcycle battery: **YT series**

1987

• 1st OEM battery,

2008

• The most powerful, toughest AGM batteries for the American market: **GYZ series**
• 1st OEM motorcycle battery GYZ20L for Honda GoldWing

2017

• 100th anniversary of Yuasa's parent, GS Yuasa
"100 Years of History, 200 Years of Expertise"



2004

• 1st OEM motorcycle battery YTX20CH-BS to Suzuki

2011

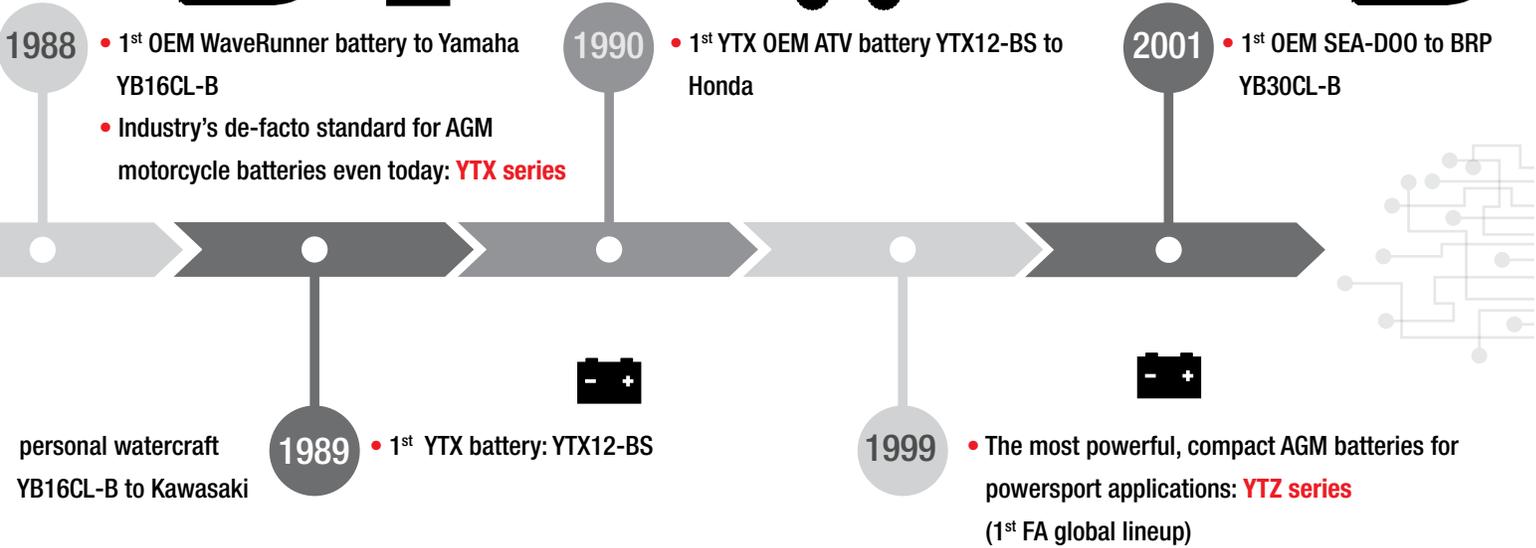
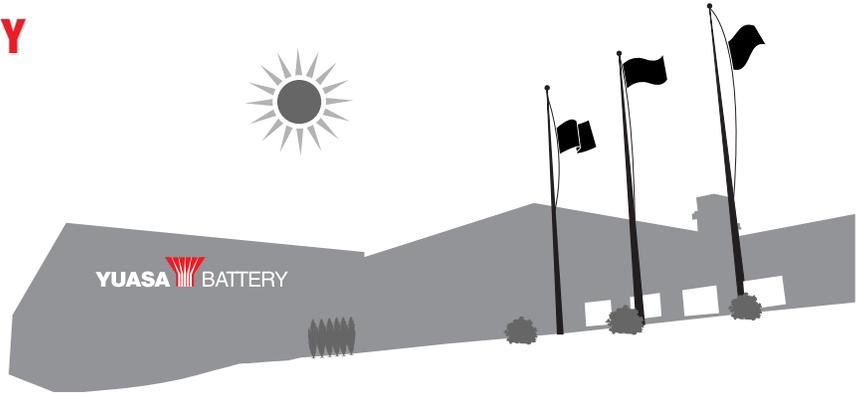
• 1st OEM ATV battery GYZ16H to Honda

2019

• 40th anniversary of in the USA

⚡ Yuasa Battery Plant Facility

QUALITY, UNMATCHED RELIABILITY



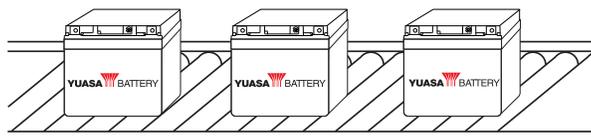
🔋 THE INDUSTRY STANDARD

Yuasa has set the standard by which all other powersports batteries are judged. It's why **more OEMs** and riders – in the US and worldwide – choose Yuasa.

IT STILL STARTS WITH US ...



40 YEARS OF INNOVATION
manufacturing batteries



BATTERY TYPES



GYZ Series AGM

- AGM separators with superior grid designs for extreme vibration resistance
- More active material surface area for enhanced performance and power
- Supplied “Factory Activated” (nonspillable)
- Highest CCA motorcycle battery (500 CCA on GYZ32HL)
- Large heavy-duty flush terminals with multiple connections (GYZ32HL, GYZ20HL, GYZ20H, GYZ16HL)
- Built in brass nuts (GYZ32HL, GYZ20H, GYZ20HL, GYZ16HL)

High Performance AGM

- All the features of a standard AGM battery plus increased power
- H Series: Increased power-up to 30% more cranking amps
- YTZ Series: Small size, lightweight, huge power



AGM (Maintenance Free)

- Maintenance Free – no need to add water, but periodic charging required when not in use
- Absorbed Glass Mat (AGM) Separators – an advanced battery technology that eliminates the need to ever add water
- Advanced lead-calcium technology – holds its specific gravity more than 3 times longer than conventional lead antimony batteries

Yumicron / Conventional

- Special thin separators – allow two extra plates per cell to be installed, for a 30% improvement in cranking performance
- Engineered to protect against corrosion, withstand vibration, and deliver high cranking power
- 6 volt and 12 volt varieties

| GYZ | CAPACITY [AH] | CCA* | V-TWIN | ATV | UPGRADE FOR: | CAPACITY [AH] | CCA* |
|-----------|---------------|------|---|---|--------------|---------------|------|
| GYZ16H | 16 | 240 |  |  | YTX14 | 12 | 200 |
| GYZ16HL** | 16 | 240 |  | | YTX14L | 12 | 200 |
| GYZ20H | 20 | 320 |  |  | YTX20H | 18 | 310 |
| GYZ20HL | 20 | 320 |  |  | YTX20HL | 18 | 310 |
| GYZ32HL | 32 | 500 |  |  | YIX30L | 30 | 400 |

*CCA measured by BCI/SAE standard at 0° F.

**Upgraded to built in brass nuts

GYZ CUTAWAY DIAGRAM

EZ Grip Cover:
simple installation
(GYZ32HL)

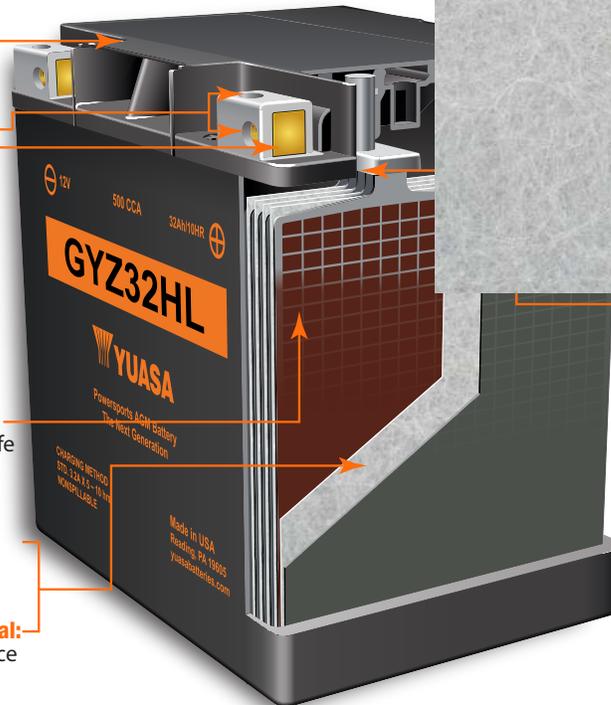
Large heavy-duty flush terminals:
constructed to allow multiple front and top connections, mounting position flexibility

Built-in brass nuts:
up to 50% more conductive than stainless steel

Enhanced active material:
compounded to withstand vibration, prolong battery life and dependability

Absorbed Glass Mat (AGM) separators:
absorb electrolyte, making the battery nonspillable

Protective separator material:
enhances vibration resistance

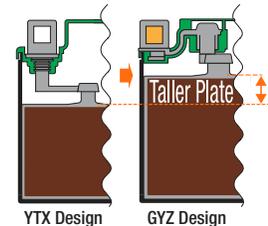


Pressure-arrestor:
valve relieves pressure

Sealed cover:
prevents leaks and corrosion

Partition construction:
shorter current path resistance than "partition" construction, provides more cranking power

Taller plates:
extra surface area for more power: up to 500 CCA and 32 Ah to power more accessories



| GYZ | CAPACITY [AH] | CCA* | METRIC | ATV | UPGRADE FOR: | CAPACITY [AH] | CCA* |
|--------|---------------|------|---|---|--------------|---------------|------|
| GYZ16H | 16 | 240 |  |  | YTX14 | 12 | 200 |
| GYZ20L | 20 | 250 |  |  | YTX20L | 18 | 270 |

| YTZ | CAPACITY Ah (10HR) | CAPACITY Ah (20HR) | CCA* | Dimensions - Inches LxWxH (±1/16 in) | Dimensions - Millimeters LxWxH (±2 mm) | Approx. Weight with Acid (LBS) | Approx. Weight with Acid (KGS) |
|---------------|-----------------------------------|-----------------------------------|-------------|---|---|---|---|
| YTZ7S | 6 | 6.3 | 130 | 4 7/16 x 2 3/4 x 4 1/8 | 113 x 70 x 105 | 4.6 | 2.1 |
| YTZ10S | 8.6 | 9.1 | 190 | 6 x 3 7/16 x 3 11/16 | 150 x 87 x 93 | 7.0 | 3.2 |
| YTZ12S | 11 | 11.6 | 210 | 6 x 3 7/16 x 4 3/8 | 150 x 87 x 110 | 8.2 | 3.7 |
| YTZ14S | 11.2 | 11.8 | 230 | 6 x 3 7/16 x 4 3/8 | 150 x 87 x 110 | 8.6 | 3.9 |

*CCA measured by BCI/SAE standard at 0° F.

YTZ CUTAWAY DIAGRAM

HEAT SEALED CASE TO COVER

Protects against leakage and corrosion and provides for extra strength and durability

SPECIAL ACTIVE MATERIAL

Compounded to withstand vibration, it prolongs the battery life in storage and provides reliable starting power when needed

UNIQUE EXPANDED PLATE GRID DESIGN

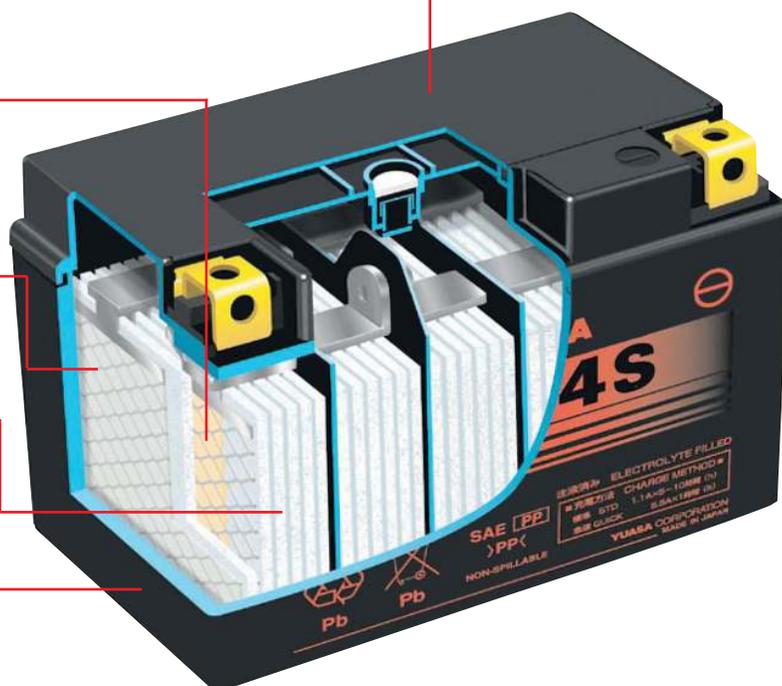
Increased number of plates for maximum starting power and to withstand severe vibration resistance

AGM SEPARATORS

Absorbed Glass Matt separators absorb the electrolyte and make the battery spill-proof. The valve regulated design eliminates water loss and the need for refilling

POLYPROPYLENE (PP) COVER & CONTAINER

Protects against fuel and oil and designed to withstand vibration and impact under extreme conditions



LONGER BATTERY LIFE WITH MORE VOLUME EFFICIENCY



FEATURES AND BENEFITS

| Components | Features | Benefits |
|-------------------------------------|--|---|
| Cast grid | Special grid design | Severe vibration resistance and improved conductivity |
| Active material | Proprietary formulation | Reduced shedding, maximum utilization and long service life |
| Pasted plates | Specified thickness and weight | Ensures vibration resistance through precise compression and proper service life through specified active material balance |
| Dried-charged plates | Tank formed and dried plates | Properly dried plates in a sealed battery have a virtually limitless shelf-life |
| Top lead connections | Through-partition construction, large straps | Shorter current path for increased electrical conductivity and higher starting currents, heavier parts for maximum durability |
| Case-cover seal | Thermal bonded plastic | Air tight seal to prevent air ingress and acid seepage |
| Terminal-cover seal | Patented poly-seal terminal | Eliminates acid seepage, reduces corrosion and extends battery life |
| Case and cover | Polypropylene | Superior resistance to gasoline and oil, impact resistant in extreme weather conditions |
| Additive | Sulfate stop (some models) | Sulfate stop added to reduce the solubility of lead into the acid, which then reduces battery sulfation potential |
| Yumicron | | |
| Separator | Leaf or envelope separator | Polyethylene with glass mat sheet bonded for compression to withstand severe vibration conditions |
| GYZ/YTX/High Performance AGM | | |
| Separator | AGM (absorbed glass mat) | High puncture resistant separator for increased service in high vibration applications |
| Top lead alloy | Calcium alloy | Increased weld strength and severe vibration resistance |
| Vent system | Valve and flame arrestor | Valve relieves excess pressure to prevent bursting, flame arrestor prevents internal combustion |

Terminal shapes vary from one battery to another. By identifying the correct replacement battery from the listing in this book, you are assured of the proper terminal configuration. For custom applications, refer to the following chart to identify terminal shape and corresponding batteries.

| Type | Terminal | | | | Battery Type | | | | |
|-----------|--------------|-------|------|-----|--|--|--|---|--|
| | Illustration | Front | Side | Top | | | | | |
| 1 | | | | | YB7C-A | YTX16-BS-1 | YB14L-A1 | | |
| 2 | | | | | YB9L-A2 | 12N5.5-4A | YB16AL-A2 | | |
| 3 | | | | | 12N24-3 | 12N24-3A | Y60-N24-A | | |
| 4 | | | | | GYZ20L YB30L-B YTX15L-BS YTX20L-BS | Y50-N18L-A3 YIX30L-BS YTX16-BS YTX24HL-BS | YB12C-A YIX30L-BS-PW YTX20-BS YTX20HL-BS | YB16B-A YTX14AHL-B YTX20H-BS YIX20HL-BS | YB30CL-B YTX14AH-BS YTX20HL-BS-PW |
| 5 | | | | | GYZ16H GYZ16HL YB4L-B YTX14L-BS | YTX7L-BS KMX14-BS YT12A-BS YTX20CH-BS | YTX9-BS YB16C-B YTX12-BS YTX4L-BS | YTZ5S YTZ7S YB16CL-B YTX14-BS | YTX5L-BS YB4L-A YTX14H-BS YTX7A-BS |
| 6 | | | | | YB3L-A YB7L-B YB12A-A YB16-B 12N5-3B 12N7-4A 12N9-4B-1 6N6-3B | YB3L-B YB9A-A YB12AL-A YB-16-B-CX 12N5-4B 12N7-4B 12N10-3A 6N6-3B-1 | YB5L-B YB9-B YB12AL-A2* YB16L-B 12N5.5-3B 12N7D-3B 6N11A-1B B54-6 | YB7-A YB9L-B YB12A-B YB16HL-A-CX 12N5.5A-3B 12N12A-4A-1 6N11-2D B38-6A | YB7B-B YB10L-B YB14A-A1 SYB16L-B 12N7-3B 12N9-3B 6N12A-2D B39-6 |
| 7 | | | | | HYB16A-AB Y50-N18A-A | YB16B-A1** Y50-N18L-A | YB18-A Y50-N18L-A-CX | YB18L-A SY50-N18L-AT | |
| 8 | | | | | YB10A-A2 YB14-A2 YB14-B2 | YB10L-A2 YB14A-A2 YB14L-B2 | YB10L-B2 YB14L-A2 12N14-3A | YB12B-B2 SYB14L-A2 12N11-3A-1 | |
| 9 | | | | | YHD-12H | | | | |
| 10 | | | | | 51814 | 51913 | 53030 | YT19BL-BS | |
| 11 | | | | | YT9B-BS YT7B-BS | YTZ10S YT12B-BS | YTZ12S | YTZ14S | YT14B-BS |
| | | | | | Note: Terminal is Brass Plated Steel | | | | |
| 12 | | | | | YTR4A-BS | | | | |
| 13 | | | | | YT4B-BS | | | | |
| 14 | | | | | GYZ20H | GYZ32HL | GYZ20HL | | |
| | | | | | Note: Encapsulated Brass Nut | | | | |

* Includes terminal adapter for converting to top mount

** Includes terminal adapter for converting to side mount

| Part No. | Includes** | Fits | | | | |
|------------------|---|---|---------------------------|-------------------------|-----------------------|-------------------|
| 478030 | 12mm lg. stainless steel hex bolt 20mm lg. stainless steel hex bolt 8mm stainless steel nut, lock washer and round brass spacer | YTX20-BS YTX20(H)L-BS-PW | YTX20L-BS | YTX20H-BS YB30CL-B | YTX20HL-BS YB30L-B | |
| 479100 | 12mm lg. stainless steel hex bolt 5mm stainless steel rectangular nut | Y50-N18L-A3 YTX14H-BS | YTX9-BS YTX14AH-BS | YTX12-BS YTX14AHL-BS | YTX14-BS GYZ16H | YTX20CH YIX30L |
| 479862 | 12mm lg. stainless steel hex bolt 8mm stainless steel rectangular nut | YTX15L-BS YTX24HL-BS | YTX20(H)-BS YIX20HL-BS | YIX30L-BS-PW YB30L-B | GYZ20L YB30CL-B | |
| 479102 | 14mm lg. stainless steel hex bolt 5mm stainless steel square nut | YB16CL-B YTX14L | YB16C-B Y50-N18L-A-CX | Y50-N18L-A HYB16A-AB | YB18-A | |
| 479104 | 12mm lg. stainless steel hex bolt 20mm lg. stainless steel hex bolt 5mm stainless steel nut, lock washer and round brass spacer | YTX14L-BS for Harley Davidson Sportster YTX14 ^{FA} for Harley Davidson V-ROD 02-07 YTX14H ^{FA} for Harley Davidson V-ROD 02-07 YTX12 YIX30L | | | | |
| 479643 | 12mm lg. stainless steel hex bolt 20mm lg. stainless steel hex bolt 8mm brass nut, lock washer and square brass spacer | YTX20H-BS | YTX20HL-BS | YTX24HL-BS | YIX30L-BS | |
| 479876 | 12mm lg. stainless steel hex bolt 16mm lg. stainless steel hex bolt 5mm rectangular brass nut, lock washer and square brass spacer | GYZ16HL | YIX30L | | | |
| 479699 | 12mm lg. stainless steel hex bolt and lock washer | GYZ20H | GYZ20HL | GYZ32HL | | |
| 5BNBSSF6M | 11mm lg. stainless steel hex bolt 5mm stainless steel hex nut | YB14A-A1 YB14L-A2 | YB14L-B2 YB14-A2 | YB14A-A2 YB14-B2 | | |
| 5BNBSS14M | 14mm lg. stainless steel hex bolt 5mm stainless steel hex nut | 12N74A YB18L-A | HYB16A-AB YHD-12H | YB16L-B Y50-N18L-A | YB18-A SY50-N18L-A | |
| 5BNBSS22M | 22mm lg. stainless steel hex bolt 5mm stainless steel hex nut and round brass spacer | YB16-B | YB16-B-CX | YB16HL-A-CX | YB16L-B | |

** All hardware listed above is M6 thread

^{FA} Must use factory activated battery

DESIGNATION OF BATTERY TYPE NUMBERS

Conventional

12 N 12A-4 A-1

1 2 3 4 5 6

- 1 Nominal voltage
- 2 Conventional battery
- 3 Size of battery case
- 4 Polarity location
- 5 Exhaust location
- 6 Designates unique terminal

High Performance Conventional

YB 16A L-A2

1 2 3 4

- 1 High Performance Conventional battery
- 2 Size of battery case
- 3 Polarity location
- 4 Terminal and Exhaust location

AGM

YTX 14 A H L-BS-1

1 2 3 4 5 6 7

- 1 High Performance AGM (YTX, YIX, YTZ, YT, GYZ)
- 2 Performance classification
- 3 Designates unique battery case size
- 4 Higher CCA
- 5 Polarity location
- 6 Bottle supplied electrolyte
- 7 Designates unique terminal

AGM, HIGH PERFORMANCE

| FACTORY ACTIVATED (Non-Spillable) | | | | | | | | | | | 12 VOLT | | |
|-----------------------------------|------------------------|------------------------------------|--------|---------------------|--------------------------------------|-----|------------------|--|---|--|---------------------------|---------------------------------------|------------------------------|
| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight with Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (Liter) | Regular Charge Current (Amp) | C.C.A. @ 0 °F (-18 °C) |
| | | L | W | H | L | W | H | | | | | | |
| GYZ16H | 16 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | ⊕ ⊖ | 12.4 | 5 | N/A | 1.6 | 240 |
| GYZ16HL | 16 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | ⊖ ⊕ | 12.4 | 5 | N/A | 1.6 | 240 |
| GYZ20L | 20 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | ⊖ ⊕ | 15.2 | 4 | N/A | 2.0 | 250 |
| GYZ20H | 20 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | ⊕ ⊖ | 15.7 | 14 | N/A | 2.0 | 320 |
| GYZ20HL | 20 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | ⊖ ⊕ | 15.7 | 14 | N/A | 2.0 | 320 |
| GYZ32HL | 32 | 6 9/16 | 5 | 6 7/8 | 166 | 126 | 175 | ⊖ ⊕ | 24.7 | 14 | N/A | 3.2 | 500 |
| YTX14AH * | 12 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | ⊕ ⊖ | 11.1 | 4 | N/A | 1.2 | 210 |
| YTX14AHL | 12 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | ⊖ ⊕ | 11.1 | 4 | N/A | 1.2 | 210 |
| YTX14H | 12 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | ⊕ ⊖ | 10.6 | 5 | N/A | 1.2 | 240 |
| YTX20CH | 18 | 6 | 3 7/16 | 6 3/8 | 150 | 87 | 161 | ⊕ ⊖ | 13.4 | 5 | N/A | 1.8 | 270 |
| YTX20H | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | ⊕ ⊖ | 15.1 | 4 | N/A | 1.8 | 310 |
| YTX20HL | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | ⊖ ⊕ | 15.1 | 4 | N/A | 1.8 | 310 |
| YIX20HL | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | ⊖ ⊕ | 15.1 | 4 | N/A | 1.8 | 320 |
| YTX20HL-PW ** | 18 | 6 7/8 | 3 7/16 | 6 7/8 ^s | 175 | 87 | 175 ^s | ⊖ ⊕ | 15.1 | 4 | N/A | 1.8 | 310 |
| YTX24HL | 21 | 8 1/8 | 3 7/16 | 6 3/8 | 205 | 87 | 162 | ⊖ ⊕ | 17.5 | 4 | N/A | 2.1 | 350 |
| YIX30L | 30 | 6 9/16 | 5 | 6 7/8 | 166 | 126 | 175 | | 22.0 | 4 | N/A | 3.0 | 400 |
| YIX230L-PW | 30 | 6 9/16 | 5 | 7 9/16 ^s | 166 | 126 | 192 ^s | | 22.0 | 4 | N/A | 3.0 | 400 |
| YTZ7S | 6 | 4 7/16 | 2 3/4 | 4 1/8 | 113 | 70 | 105 | ⊖ ⊕ | 4.6 | 5 | N/A | 0.6 | 130 |
| YTZ8V | 7 | 4 7/16 | 2 3/4 | 5 1/8 | 113 | 70 | 130 | ⊖ ⊕ | 6.0 | 5 | N/A | 0.7 | 120 |
| YTZ10S | 8.6 | 6 | 3 7/16 | 3 11/16 | 150 | 87 | 93 | ⊕ ⊖ | 7.0 | 11 | N/A | 0.9 | 190 |
| YTZ12S | 11 | 6 | 3 7/16 | 4 3/8 | 150 | 87 | 110 | ⊕ ⊖ | 8.1 | 11 | N/A | 1.1 | 210 |
| YTZ14S | 11.2 | 6 | 3 7/16 | 4 3/8 | 150 | 87 | 110 | ⊕ ⊖ | 8.6 | 11 | N/A | 1.1 | 230 |

* Includes 10mm height spacer for use in replacing YB14A-A1 and YB14A-A2
 ** Includes 20mm height spacer (s) for use in replacing YB16CL-B
 (s) Includes spacer

BATTERY SPECIFICATIONS

AGM, HIGH PERFORMANCE

FRESH PACK (Battery Supplied Dry with an Acid Bottle)

12 VOLT

| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight with Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (Liter) | Regular Charge Current (Amp) | C.C.A. @ 0 °F (-18 °C) |
|------------------|------------------------|------------------------------------|--------|--------------------|--------------------------------------|-----|------------------|--|---|--|---------------------------|---------------------------------------|------------------------------|
| | | L | W | H | L | W | H | | | | | | |
| YTZ5S-BS | 3.5 | 4 7/16 | 2 3/4 | 3 3/8 | 113 | 70 | 86 | | 3.5 | 5 | 0.20 | 0.4 | 65 |
| YTX14AH-BS * | 12 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 11.1 | 4 | 0.66 | 1.2 | 210 |
| YTX14AHL-BS | 12 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 11.1 | 4 | 0.66 | 1.2 | 210 |
| YTX14H-BS | 12 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | | 10.6 | 5 | 0.69 | 1.4 | 240 |
| YTX20CH-BS | 18 | 6 | 3 7/16 | 6 3/8 | 150 | 87 | 161 | | 13.4 | 5 | 0.82 | 1.8 | 270 |
| YTX20H-BS | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | | 15.1 | 4 | 0.93 | 1.8 | 310 |
| YTX20HL-BS | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | | 15.1 | 4 | 0.93 | 1.8 | 310 |
| YTX20HL-BS-PW ** | 18 | 6 7/8 | 3 7/16 | 6 7/8 [§] | 175 | 87 | 175 [§] | | 15.1 | 4 | 0.93 | 1.8 | 310 |
| YIX20HL-BS | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 175 | | 15.1 | 4 | 0.93 | 1.8 | 320 |
| YTX24HL-BS | 21 | 8 1/8 | 3 7/16 | 6 3/8 | 205 | 87 | 162 | | 17.5 | 4 | 1.08 | 2.1 | 350 |
| YIX30L-BS | 30 | 6 9/16 | 5 | 6 7/8 | 166 | 126 | 175 | | 22.0 | 4 | 1.4 | 3.0 | 400 |
| YIX30L-BS-PW** | 30 | 6 9/16 | 5 | 6 3/8 | 166 | 126 | 192 [§] | | 22.0 | 4 | 1.4 | 3.0 | 400 |

- * Includes 10mm height spacer for use in replacing YB14A-A1 and YB14A-A2
- ** Includes 20mm height spacer (°) for use in replacing YB16CL-B
- (°) Includes spacer

AGM

FACTORY ACTIVATED (Non-Spillable)

12 VOLT

| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight with Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (Liter) | Regular Charge Current (Amp) | C.C.A. @ 0 °F (-18 °C) |
|--------------|------------------------|------------------------------------|--------|---------------------|--------------------------------------|-----|------------------|--|---|--|---------------------------|---------------------------------------|------------------------------|
| | | L | W | H | L | W | H | | | | | | |
| YTX9 | 8 | 6 | 3 7/16 | 4 3/16 | 150 | 87 | 105 | | 6.6 | 5 | N/A | 0.9 | 135 |
| YTX12 | 10 | 6 | 3 7/16 | 5 1/8 | 150 | 87 | 130 | | 9.2 | 5 | N/A | 1.2 | 180 |
| YT12B | 10 | 6 | 2 3/4 | 5 1/8 | 150 | 69 | 130 | | 9.2 | 5 | N/A | 1.2 | 210 |
| YTX14 | 12 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | | 10.1 | 5 | N/A | 1.4 | 200 |
| YTX14L | 12 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | | 10.1 | 5 | N/A | 1.4 | 200 |
| YTX15L | 13 | 6 7/8 | 3 7/16 | 5 1/8 | 175 | 87 | 130 | | 11.0 | 4 | N/A | 1.3 | 230 |
| YTX20 | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | | 13.9 | 4 | N/A | 1.8 | 270 |
| YTX20L | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | | 13.9 | 4 | N/A | 1.8 | 270 |
| YIX30L | 30 | 6 9/16 | 5 | 6 7/8 | 166 | 126 | 175 | | 22.0 | 4 | N/A | 3 | 400 |
| YIX30L-PW Δ | 30 | 6 9/16 | 5 | 7 9/16 [§] | 166 | 126 | 192 [§] | | 22.0 | 4 | N/A | 3.0 | 400 |

- K Available at Kawasaki dealers only
- Δ Includes 17mm height spacer (°) for replacing YB30CL-B
- (°) Includes spacer

FRESH PACK (Battery Supplied Dry with an Acid Bottle)

12 VOLT

| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight with Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (Liter) | Regular Charge Current (Amp) | C.C.A. @ 0 °F (-18 °C) |
|---------------------------|------------------------|------------------------------------|---------|---------------------|--------------------------------------|-----|------------------|--|---|--|---------------------------|---------------------------------------|------------------------------|
| | | L | W | H | L | W | H | | | | | | |
| YTR4A-BS | 2.3 | 4 1/2 | 1 15/16 | 3 3/8 | 114 | 49 | 86 | | 2.4 | 12 | 0.14 | 0.3 | 45 |
| YT4B-BS | 2.3 | 4 1/2 | 1 9/16 | 3 7/16 | 114 | 39 | 86.5 | | 2.4 | 13 | 0.12 | 0.3 | 40 |
| YTX4L-BS | 3 | 4 1/2 | 2 13/16 | 3 3/8 | 114 | 71 | 86 | | 3.4 | 5 | 0.18 | 0.4 | 50 |
| YTX5L-BS | 4 | 4 1/2 | 2 13/16 | 4 3/16 | 114 | 71 | 106 | | 4.2 | 5 | 0.24 | 0.5 | 80 |
| YT7B-BS | 6.5 | 6 | 2 9/16 | 3 11/16 | 150 | 65 | 93 | | 5.9 | 11 | 0.33 | 0.7 | 120 |
| YTX7A-BS | 6 | 6 | 3 7/16 | 3 3/4 | 150 | 87 | 94 | | 6.3 | 5 | 0.33 | 0.7 | 105 |
| YTX7L-BS | 6 | 4 1/2 | 2 13/16 | 5 3/16 | 114 | 71 | 131 | | 6.1 | 5 | 0.33 | 0.6 | 100 |
| YT9B-BS | 8 | 6 | 2 3/4 | 4 1/8 | 150 | 70 | 105 | | 8.7 | 11 | 0.40 | 0.8 | 120 |
| YTX9-BS | 8 | 6 | 3 7/16 | 4 3/16 | 150 | 87 | 105 | | 6.6 | 5 | 0.40 | 0.9 | 135 |
| YT12A-BS | 10 | 6 | 3 7/16 | 4 3/16 | 150 | 87 | 105 | | 7.7 | 5 | 0.47 | 1.0 | 175 |
| YT12B-BS | 10 | 6 | 2 3/4 | 5 1/8 | 150 | 69 | 130 | | 9.0 | 11 | 0.52 | 1.0 | 210 |
| YTX12-BS | 10 | 6 | 3 7/16 | 5 1/8 | 150 | 87 | 130 | | 9.2 | 5 | 0.60 | 1.2 | 180 |
| KMX14-BS ^K | 12 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | | 10.1 | 5 | 0.69 | 1.4 | 200 |
| YT14B-BS | 12 | 6 1/8 | 2 3/4 | 5 3/4 | 150 | 70 | 145 | | 11.8 | 11 | 0.60 | 1.2 | 210 |
| YTX14-BS | 12 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | | 10.1 | 5 | 0.69 | 1.4 | 200 |
| YTX14L-BS | 12 | 6 | 3 7/16 | 5 3/4 | 150 | 87 | 145 | | 10.1 | 5 | 0.69 | 1.4 | 200 |
| YTX15L-BS | 13 | 6 7/8 | 3 7/16 | 5 1/8 | 175 | 87 | 130 | | 11.0 | 4 | 0.69 | 1.3 | 230 |
| YTX16-BS | 14 | 6 | 3 7/16 | 6 3/8 | 150 | 87 | 161 | | 12.6 | 4 | 0.78 | 1.4 | 230 |
| YTX16-BS-1 | 14 | 6 | 3 7/16 | 6 3/8 | 150 | 87 | 161 | | 12.6 | 1 | 0.78 | 1.4 | 230 |
| YT19BL-BS | 17.7 | 7 1/4 | 3 3/16 | 6 11/16 | 184 | 81 | 170 | | 12.5 | 10 | 0.95 | 1.8 | 170 |
| YTX20-BS | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | | 13.9 | 4 | 0.93 | 1.8 | 270 |
| YTX20L-BS | 18 | 6 7/8 | 3 7/16 | 6 1/8 | 175 | 87 | 155 | | 13.9 | 4 | 0.93 | 1.8 | 270 |
| YIX30L-BS | 30 | 6 9/16 | 5 | 6 7/8 | 166 | 126 | 175 | | 22.0 | 4 | 1.40 | 3.0 | 400 |
| YIX30L-BS-PW ^Δ | 30 | 6 9/16 | 5 | 7 9/16 [§] | 166 | 126 | 192 [§] | | 22.0 | 4 | 1.40 | 3.0 | 400 |

K Available at Kawasaki dealers only
Δ Includes 17mm height spacer (°) for replacing YB30CL-B
(°) Includes spacer

BATTERY SPECIFICATIONS

HIGH PERFORMANCE, CONVENTIONAL (Yumicron)

12 VOLT

| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight w/out Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (oz.) | Regular Charge Current (Amp) |
|------------------------|------------------------|------------------------------------|--------|---------|--------------------------------------|------|-----|--|--|--|-------------------------|---------------------------------------|
| | | L | W | H | L | W | H | | | | | |
| YB2.5L-C | 2.5 | 3 3/16 | 2 3/4 | 4 1/8 | 80 | 70 | 105 | | 1.7 | - | 8.1 | 0.3 |
| YB2.5L-C-1 | 2.5 | 3 3/16 | 2 3/4 | 4 1/8 | 80 | 70 | 105 | | 1.7 | - | 8.1 | 0.3 |
| YB3L-A | 3 | 3 7/8 | 2 1/4 | 4 3/8 | 98 | 56 | 110 | | 2.5 | 6 | 8.1 | 0.3 |
| YB3L-B | 3 | 3 7/8 | 2 1/4 | 4 3/8 | 98 | 56 | 110 | | 2.5 | 6 | 8.1 | 0.3 |
| YB4L-A | 4 | 4 3/4 | 2 3/4 | 3 5/8 | 120 | 70 | 92 | | 2.8 | 5 | 10.1 | 0.4 |
| YB4L-B | 4 | 4 3/4 | 2 3/4 | 3 5/8 | 120 | 70 | 92 | | 2.8 | 5 | 10.1 | 0.4 |
| YB5L-B | 5 | 4 3/4 | 2 3/8 | 5 1/8 | 120 | 60 | 130 | | 3.5 | 6 | 12.2 | 0.5 |
| YB6L-B ^{D4} | 6 | 5 1/2 | 2 7/8 | 3 17/18 | 138 | 72.5 | 100 | | 3.5 | 6 | 12.2 | 0.5 |
| YB7-A | 8 | 5 5/16 | 3 | 5 1/4 | 135 | 75 | 133 | | 5.1 | 6 | 20.3 | 0.8 |
| YB7B-B | 7 | 6 | 2 3/8 | 5 1/8 | 150 | 60 | 130 | | 4.0 | 6 | 16.9 | 0.7 |
| YB7C-A | 8 | 5 1/8 | 3 9/16 | 4 1/2 | 130 | 90 | 114 | | 5.1 | 1 | 20.3 | 0.8 |
| YB7L-B | 8 | 5 5/16 | 3 | 5 1/4 | 135 | 75 | 133 | | 5.1 | 6 | 20.3 | 0.8 |
| YB9A-A | 9 | 5 5/16 | 3 | 6 1/8 | 135 | 75 | 155 | | 5.3 | 6 | 20.3 | 0.9 |
| YB9L-A2 | 9 | 5 5/16 | 3 | 5 1/2 | 135 | 75 | 139 | | 5.3 | 2 | 20.3 | 0.9 |
| YB9-B | 9 | 5 5/16 | 3 | 5 1/2 | 135 | 75 | 139 | | 5.3 | 6 | 20.3 | 0.9 |
| YB9L-B | 9 | 5 5/16 | 3 | 5 1/2 | 135 | 75 | 139 | | 5.3 | 6 | 20.3 | 0.9 |
| YB10A-A2 | 11 | 5 5/16 | 3 9/16 | 6 1/8 | 135 | 90 | 155 | | 7.0 | 8 | 27.0 | 1.1 |
| YB10L-A2 | 11 | 5 5/16 | 3 9/16 | 5 3/4 | 135 | 90 | 145 | | 7.0 | 8 | 27.0 | 1.1 |
| YB10L-B | 11 | 5 5/16 | 3 9/16 | 5 3/4 | 135 | 90 | 145 | | 7.0 | 6 | 27.0 | 1.1 |
| YB10L-B2 | 11 | 5 5/16 | 3 9/16 | 5 3/4 | 135 | 90 | 145 | | 7.0 | 8 | 27.0 | 1.1 |
| YB12A-A | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 6 | 27.0 | 1.2 |
| YB12A-A [▲] | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 6 | 27.0 | 1.2 |
| YB12A-A ^{**} | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 6 | 27.0 | 1.2 |
| YB12AL-A ^D | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 6 | 25.4 | 1.2 |
| YB12AL-A | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 6 | 25.4 | 1.2 |
| YB12AL-A2 [*] | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 8 | 25.4 | 1.2 |
| YB12A-B | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 6 | 25.4 | 1.2 |
| YB12B-B2 | 12 | 6 5/16 | 3 9/16 | 5 1/8 | 160 | 90 | 130 | | 7.1 | 8 | 27.0 | 1.2 |
| YB12C-A | 12 | 5 5/16 | 3 9/16 | 6 7/8 | 134 | 80 | 175 | | 7.1 | 4 | 27.0 | 1.2 |
| YB14-A2 | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 8 | 30.4 | 1.4 |
| YB14A-A1 | 14 | 5 5/16 | 3 1/2 | 6 15/16 | 134 | 89 | 176 | | 7.9 | 6 | 30.4 | 1.4 |
| YB14A-A2 | 14 | 5 5/16 | 3 1/2 | 6 15/16 | 134 | 89 | 176 | | 7.9 | 8 | 30.4 | 1.4 |
| YB14L-A1 | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 1 | 30.4 | 1.4 |

* Includes terminal adaptor for converting to top mount.
 ** When ordering this battery, specify terminal adaptor.
 ▲ When ordering this battery, specify sensor.

^D Discontinued, use YB12AL-A2
^{D4} Discontinued

HIGH PERFORMANCE, CONVENTIONAL (Yumicron)

12 VOLT

| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight w/out Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (oz.) | Regular Charge Current (Amp) |
|---------------------------|------------------------|------------------------------------|---------|---------|--------------------------------------|------|-------|--|--|--|-------------------------|---------------------------------------|
| | | L | W | H | L | W | H | | | | | |
| YB14L-A2 | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 8 | 30.4 | 1.4 |
| YB14L-A2 ^{D5} | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 8 | 30.4 | 1.4 |
| YB14L-B2 | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 8 | 30.4 | 1.4 |
| YB14-B2 | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 8 | 30.4 | 1.4 |
| SYB14L-A2 † | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 8 | 30.4 | 1.4 |
| SYB14L-B2 ^{D1} † | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.6 | 8 | 30.4 | 1.4 |
| YB16AL-A2 | 16 | 8 1/8 | 2 13/16 | 6 7/16 | 207 | 71.5 | 164 | | 8.6 | 2 | 37.2 | 1.6 |
| HYB16A-AB | 16 | 6 | 3 5/8 | 7 1/16 | 151 | 91 | 180 | | 8.5 | 7 | 30.4 | 1.6 |
| YB16-B | 19 | 6 7/8 | 4 | 6 1/8 | 175 | 100 | 155 | | 10.5 | 6 | 40.6 | 1.9 |
| YB16-B-CX | 19 | 6 7/8 | 4 | 6 1/8 | 175 | 100 | 155 | | 10.5 | 6 | 40.6 | 1.9 |
| YB16HL-A-CX | 19 | 6 7/8 | 4 | 6 1/8 | 175 | 100 | 155 | | 10.5 | 6 | 40.6 | 1.9 |
| YB16L-B | 19 | 6 7/8 | 4 | 6 1/8 | 175 | 100 | 155 | | 10.5 | 6 | 40.6 | 1.9 |
| YB16B-A | 16 | 6 5/16 | 3 9/16 | 6 3/8 | 160 | 90 | 161 | | 8.4 | 4 | 33.8 | 1.6 |
| YB16B-A1* | 16 | 6 5/16 | 3 9/16 | 6 3/8 | 160 | 90 | 161 | | 8.4 | 7 | 33.8 | 1.6 |
| YB16C-B | 19 | 6 7/8 | 4 | 6 7/8 | 175 | 100 | 175 | | 10.1 | 5 | 40.6 | 1.9 |
| YB16CL-B | 19 | 6 7/8 | 4 | 6 7/8 | 175 | 100 | 175 | | 10.1 | 5 | 40.6 | 1.9 |
| SYB16L-B ^{D2} † | 19 | 6 15/16 | 4 | 6 1/8 | 175 | 100 | 155 | | 9.3 | 6 | 43.9 | 1.9 |
| YB18-A | 18 | 7 1/8 | 3 9/16 | 6 3/8 | 180 | 90 | 162 | | 9.4 | 7 | 40.6 | 1.8 |
| YB18L-A | 18 | 7 1/8 | 3 9/16 | 6 3/8 | 180 | 90 | 162 | | 9.4 | 7 | 40.6 | 1.8 |
| Y50-N18A-A | 20 | 8 1/8 | 3 9/16 | 6 15/16 | 205 | 90 | 176 | | 11.2 | 7 | 50.7 | 2.0 |
| Y50-N18L-A | 20 | 8 1/8 | 3 9/16 | 6 3/8 | 205 | 90 | 162 | | 11.2 | 7 | 44.0 | 2.0 |
| Y50-N18L-A-CX | 20 | 8 1/8 | 3 9/16 | 6 3/8 | 205 | 90 | 162 | | 11.2 | 7 | 44.0 | 2.0 |
| Y50-N18L-A3 | 20 | 8 1/8 | 3 9/16 | 6 3/8 | 205 | 90 | 162 | | 11.2 | 4 | 44.0 | 2.0 |
| SY50-N18L-AT † | 20 | 8 1/8 | 3 9/16 | 6 3/8 | 205 | 90 | 162 | | 11.2 | 7 | 44.0 | 2.0 |
| Y60-N24-A ^{D4} | 28 | 7 1/4 | 4 7/8 | 6 7/8 | 184 | 124 | 175 | | 14.4 | 3 | 57.5 | 2.8 |
| Y60-N24AL-B ^{D3} | 28 | 7 1/4 | 4 7/8 | 6 7/8 | 184 | 124 | 175 | | 14.4 | 3 | 57.5 | 2.8 |
| YB30L-B | 30 | 6 5/8 | 5 3/16 | 6 15/16 | 168 | 132 | 176 | | 14.1 | 4 | 57.5 | 3.0 |
| YB30CL-B | 30 | 6 5/8 | 5 3/16 | 7 9/16 | 168 | 132 | 192.2 | | 14.5 | 4 | 57.5 | 3.0 |
| 51814 | 19 *** | 7 7/16 | 3 1/4 | 6 7/8 | 186 | 82 | 171 | | 9.4 | 10 | 33.8 | 1.9 |
| 51913 | 19 *** | 7 7/16 | 3 1/4 | 6 7/8 | 186 | 82 | 171 | | 9.4 | 10 | 33.8 | 1.9 |
| 53030 | 30 *** | 7 7/16 | 5 1/8 | 6 7/8 | 186 | 130 | 171 | | 16.1 | 10 | 54.1 | 3.0 |

^{D1} Discontinued, use YB14L-B2
^{D2} Discontinued, use YB16L-B
^{D3} Discontinued, use 53030
^{D4} Discontinued

^{D5} Discontinued, use SYB14L-A2 built in sensor
[†] This battery includes a sensor
^{*} Includes terminal adaptor for converting to side mount
^{***} DIN Standard @ 20 hr. rate

BATTERY SPECIFICATIONS

CONVENTIONAL

6 VOLT

| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight w/out Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (oz.) | Regular Charge Current (Amp) |
|-------------------------|------------------------|------------------------------------|---------|---------|--------------------------------------|----|-----|--|--|--|-------------------------|---------------------------------------|
| | | L | W | H | L | W | H | | | | | |
| 6N2-2A | 2 | 2 3/4 | 1 7/8 | 3 3/4 | 70 | 47 | 96 | | 1.0 | - | 3.4 | 0.2 |
| 6N2-2A-1 ^{D4} | 2 | 2 3/4 | 1 7/8 | 3 3/4 | 70 | 47 | 96 | | 1.0 | - | 3.4 | 0.2 |
| 6N2-2A-3 | 2 | 2 3/4 | 1 7/8 | 3 3/4 | 70 | 47 | 96 | | 1.0 | - | 3.4 | 0.2 |
| 6N2-2A-4 | 2 | 2 3/4 | 1 7/8 | 3 3/4 | 70 | 47 | 96 | | 1.0 | - | 3.4 | 0.2 |
| 6N2-2A-8 | 2 | 2 3/4 | 1 7/8 | 3 3/4 | 70 | 47 | 96 | | 1.0 | - | 3.4 | 0.2 |
| 6N2A-2C | 2 | 2 3/4 | 1 7/8 | 4 3/16 | 70 | 47 | 106 | | 1.0 | - | 3.4 | 0.2 |
| 6N2A-2C-1 ^{**} | 2 | 2 3/4 | 1 7/8 | 4 3/16 | 70 | 47 | 106 | | 1.0 | - | 3.4 | 0.2 |
| 6N2A-2C-3 | 2 | 2 3/4 | 1 7/8 | 4 3/16 | 70 | 47 | 106 | | 1.0 | - | 3.4 | 0.2 |
| 6N4-2A | 4 | 2 13/16 | 2 13/16 | 3 3/4 | 71 | 71 | 96 | | 1.3 | - | 6.8 | 0.4 |
| 6N4-2A-4 | 4 | 2 13/16 | 2 13/16 | 3 3/4 | 71 | 71 | 96 | | 1.3 | - | 6.8 | 0.4 |
| 6N4-2A-5 | 4 | 2 13/16 | 2 13/16 | 3 3/4 | 71 | 71 | 96 | | 1.3 | - | 6.8 | 0.4 |
| 6N4-2A-6 | 4 | 2 13/16 | 2 13/16 | 3 3/4 | 71 | 71 | 96 | | 1.3 | - | 6.8 | 0.4 |
| 6N4-2A-8 | 4 | 2 13/16 | 2 13/16 | 3 3/4 | 71 | 71 | 96 | | 1.3 | - | 6.8 | 0.4 |
| 6N4A-4D | 4 | 2 3/8 | 2 1/4 | 5 1/8 | 61 | 57 | 131 | | 1.7 | - | 6.8 | 0.4 |
| 6N4B-2A | 4 | 4 | 1 7/8 | 3 3/4 | 102 | 48 | 96 | | 1.7 | - | 6.8 | 0.4 |
| 6N4B-2A-3 | 4 | 4 | 1 7/8 | 3 3/4 | 102 | 48 | 96 | | 1.7 | - | 6.8 | 0.4 |
| 6N4B-2A-5 | 4 | 4 | 1 7/8 | 3 3/4 | 102 | 48 | 96 | | 1.7 | - | 6.8 | 0.4 |
| 6N4C-1B | 4 | 2 13/16 | 2 13/16 | 4 1/8 | 71 | 71 | 105 | | 1.4 | - | 6.8 | 0.4 |
| 6N5.5-1D | 5.5 | 3 9/16 | 2 3/4 | 3 15/16 | 90 | 70 | 100 | | 1.8 | - | 10.1 | 0.6 |
| 6N6-3B | 6 | 3 7/8 | 2 1/4 | 4 3/8 | 99 | 57 | 111 | | 2.0 | 6 | 10.1 | 0.6 |
| 6N6-3B-1 | 6 | 3 7/8 | 2 1/4 | 4 3/8 | 99 | 57 | 111 | | 2.0 | 6 | 10.1 | 0.6 |
| 6N6-1D-2 | 6 | 3 7/8 | 2 1/4 | 4 3/8 | 99 | 57 | 111 | | 2.0 | - | 10.1 | 0.6 |
| 6N11-2D | 11 | 5 7/8 | 2 3/4 | 3 15/16 | 150 | 70 | 100 | | 3.5 | 6 | 13.5 | 1.1 |
| 6N11A-1B | 11 | 4 13/16 | 2 7/16 | 5 1/8 | 122 | 62 | 131 | | 3.5 | 6 | 13.5 | 1.1 |
| B54-6 ^{D4} | 12 | 6 1/8 | 2 1/4 | 4 9/16 | 156 | 57 | 116 | | 3.8 | 6 | 16.9 | 1.2 |
| 6N12A-2D | 12 | 6 1/8 | 2 1/4 | 4 9/16 | 156 | 57 | 116 | | 3.8 | 6 | 15.2 | 1.2 |
| B38-6A | 13 | 4 11/16 | 3 1/4 | 6 15/16 | 119 | 83 | 161 | | 4.7 | 6 | 21.0 | 1.3 |
| 6YB8L-B ^{D4} | 8 | 4 3/4 | 2 3/4 | 3 3/4 | 120 | 70 | 95 | | 3.0 | 6 | 10.5 | 0.8 |
| 6YB11-2D ^{D4} | 11 | 5 7/8 | 2 3/4 | 3 15/16 | 150 | 70 | 100 | | 4.4 | 6 | 13.5 | 1.1 |

^{**} 6N2A-2C-1 replaces B60-6
^{D4} Discontinued

TRACTOR TERMINALS & BATTERY LAYOUTS

CONVENTIONAL

12 VOLT

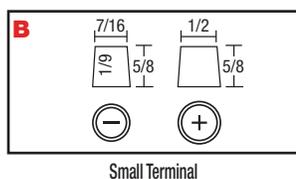
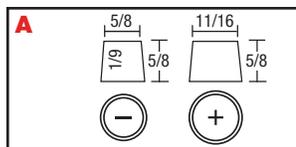
| Battery Type | Capacity Ah (10-HR) | Dimensions – Inches (± 1/16 in) | | | Dimensions – Millimeters (± 2 mm) | | | Assembly Figure (As Per Cover Polarity) | Approx Weight w/out Acid (lbs.) | Terminal Type (Refer to page 8) | Acid Volume (oz.) | Regular Charge Current (Amp) |
|--------------------------|------------------------|------------------------------------|--------|---------|--------------------------------------|-----|-----|--|--|--|-------------------------|---------------------------------------|
| | | L | W | H | L | W | H | | | | | |
| 12N5-3B | 5 | 4 3/4 | 2 3/8 | 5 1/8 | 120 | 60 | 130 | | 3.1 | 6 | 13.5 | 0.5 |
| 12N5-4B | 5 | 4 3/4 | 2 3/8 | 5 1/8 | 120 | 60 | 130 | | 3.1 | 6 | 13.5 | 0.5 |
| 12N5.5-3B | 5.5 | 5 5/16 | 2 3/8 | 5 1/8 | 135 | 60 | 130 | | 4.3 | 6 | 13.5 | 0.6 |
| 12N5.5-4A | 5.5 | 5 5/16 | 2 3/8 | 5 1/8 | 135 | 60 | 130 | | 4.3 | 2 | 13.5 | 0.6 |
| 12N5.5A-3B | 5.5 | 4 1/16 | 3 9/16 | 4 1/2 | 103 | 90 | 114 | | 4.3 | 6 | 16.9 | 0.6 |
| 12N7-3B | 7 | 5 5/16 | 3 | 5 1/4 | 135 | 75 | 133 | | 4.9 | 6 | 16.9 | 0.7 |
| 12N7-4A | 7 | 5 5/16 | 3 | 5 1/4 | 135 | 75 | 133 | | 4.9 | 6 | 16.9 | 0.7 |
| 12N7-4B | 7 | 5 5/16 | 3 | 5 1/4 | 135 | 75 | 133 | | 4.9 | 6 | 16.9 | 0.7 |
| 12N7D-3B | 7 | 5 5/16 | 3 | 5 15/16 | 135 | 75 | 150 | | 4.9 | 6 | 20.3 | 0.7 |
| 12N9-3A | 9 | 5 5/16 | 3 | 5 1/2 | 135 | 75 | 139 | | 5.4 | 9 | 20.3 | 0.9 |
| 12N9-3A-1 ^{D6} | 9 | 5 5/16 | 3 | 5 1/2 | 135 | 75 | 139 | | 5.4 | 6 | 20.3 | 0.9 |
| 12N9-3B ^{D7} | 9 | 5 5/16 | 3 | 5 1/2 | 135 | 75 | 139 | | 5.4 | 6 | 20.3 | 0.9 |
| 12N9-4B-1 | 9 | 5 5/16 | 3 | 5 1/2 | 135 | 75 | 139 | | 5.4 | 6 | 20.3 | 0.9 |
| 12N10-3A-2 ^{D8} | 10 | 5 5/16 | 3 9/16 | 5 3/4 | 135 | 90 | 145 | | 5.8 | 8 | 27.0 | 1.0 |
| 12N12A-4A-1 | 12 | 5 5/16 | 3 3/16 | 6 5/16 | 134 | 80 | 160 | | 6.8 | 6 | 23.7 | 1.2 |
| 12N14-3A | 14 | 5 5/16 | 3 1/2 | 6 9/16 | 134 | 89 | 166 | | 7.5 | 8 | 27.0 | 1.4 |
| 12N24-3A ^{D4} | 24 | 7 1/4 | 4 7/8 | 6 7/8 | 184 | 124 | 175 | | 12.1 | 3 | 40.6 | 2.4 |
| 12N24-3 | 24 | 7 1/4 | 4 7/8 | 6 7/8 | 184 | 124 | 175 | | 12.1 | 3 | 40.6 | 2.4 |
| YHD-12H | 29 | 8 1/8 | 5 1/4 | 6 1/2 | 206 | 133 | 165 | | 13.3 | 9 | 67.6 | 2.8 |

^{D4} Discontinued
^{D6} Discontinued, use YB9L-A2

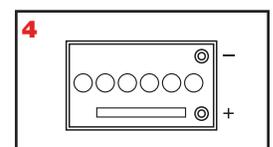
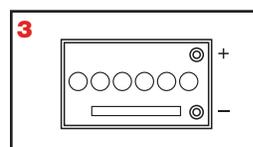
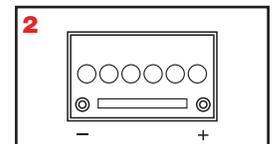
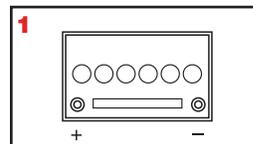
^{D7} Discontinued, use YB9L-B
^{D8} Discontinued, use YB10L-A2

TRACTOR TERMINALS & BATTERY LAYOUTS

TERMINALS (measurements in inches)



BATTERY LAYOUTS



JAPANESE TRACTOR BATTERY SPECIFICATIONS

| JIS Type | Reference Number | Plate / Cell | Capacity Ah ▲ (5 hr) | Capacity Ah ▲ (20 hr) | Cranking Performance ▲ (Amps 0 °F) | Reserve Capacity Minutes (80 °F) | Overall Dimensions (inches) | | | Shipping Weight Dry (lbs.) | Volume Of Acid (oz.) | Charging Current (Amp) | See Key | |
|----------------|---------------------|--------------|-------------------------|--------------------------|---------------------------------------|-------------------------------------|-----------------------------|---------|---------|----------------------------|----------------------|------------------------|----------|--------|
| | | | | | | | L | W | H | | | | Terminal | Layout |
| *36B20L (S) | 40B19L(S) NS40ZL(S) | 9 | 28 | 35 | 275 | 52 | 7 3/4 | 5 1/16 | 8 15/16 | 17.9 | 84.6 | 3.5 | A | 2 |
| 46B24R | NS60 | 13 | 36 | 45 | 330 | 75 | 9 3/8 | 5 1/16 | 8 15/16 | 20.1 | 109.0 | 4.5 | B | 1 |
| *46B24L (S) | NS60L(S) | 13 | 36 | 45 | 330 | 75 | 9 3/8 | 5 1/16 | 8 15/16 | 20.1 | 109.5 | 4.5 | A | 2 |
| 36B20L | 40B19L/NS40ZL | 9 | 28 | 35 | 275 | 52 | 7 3/4 | 5 1/16 | 8 15/16 | 17.9 | 91.7 | 3.5 | B | 2 |
| *55B24L (S) D4 | NX100S6L(S) | 13 | 36 | 45 | 410 | 70 | 9 3/8 | 5 1/16 | 8 15/16 | 21.3 | 109.3 | 4.5 | A | 2 |
| 95E41R | N100 | 17 | 80 | 100 | 475 | 200 | 16 3/8 | 6 15/16 | 9 3/8 | 38.1 | 233.1 | 10 | A | 1 |
| 115F51 | N120 | 21 | 96 | 120 | 420 | 240 | 19 7/8 | 7 3/16 | 10 1/8 | 48.7 | 317.4 | 12.0 | A | 3 |
| 115F51L D4 | N120L | 21 | 96 | 120 | 420 | 240 | 19 7/8 | 7 3/16 | 10 1/8 | 48.7 | 317.4 | 12.0 | A | 4 |
| 145F51 | NS150 | 25 | 120 | 150 | 760 | 296 | 19 7/8 | 7 3/16 | 10 1/8 | 56.2 | 370.3 | 14.0 | A | 3 |
| 145G51L D4 | N150L D4 | 23 | 120 | 150 | 685 | 240 | 20 3/16 | 8 3/4 | 10 1/8 | 63.8 | 337.8 | 15 | A | 4 |

* (S) Signifies Standard Terminal
D4 Discontinued

▲ Figures based on JIS/SAE specifications and reference only

BATTERY UPGRADE CROSS REFERENCE

| GYZ Series | AGM Factory Activated | AGM High Performance | AGM | Yumicron | Conventional |
|-------------------------------|--|--------------------------------------|------------------------|---------------------------|---------------------------|
| - | - | - | - | 6YB11-2D | 6N11-2D |
| - | - | YTZ5S-BS | YTX4L-BS | YB4L-A, YB4L-B | - |
| - | YTZ7S | - | YTX5L-BS | - | - |
| - | - | - | - | YB5L-B | 12N5-3B |
| - | - | YTZ8V | YTX7L-BS | - | - |
| - | - | - | - | YB7L-B | 12N7-3B |
| - | - | - | - | YB7-A | 12N7-4A |
| - | - | - | - | YB9-B | 12N9-4B-1 |
| - | - | - | - | YB9L-B | 12N9-3B (Discontinued) |
| - | - | - | - | YB10L-A2 | 12N10-3A-2 (Discontinued) |
| - | - | - | - | YB12A-A | 12N12A-4A-1 |
| GYZ16H | YTX14H | YTX14H-BS | YTX14-BS | - | - |
| - | YTX14AH | YTX14AH-BS | - | YB14-A2, YB14-B2 | - |
| - | YTX14AH ^{3,4} | YTX14AH-BS ^{3,4} | - | YB14A-A1, YB14A-A2 | - |
| - | YTX14AHL | YTX14AHL-BS | - | YB14L-A2 | 12N14-3A |
| - | YTX14AHL | YTX14AHL-BS | - | YB14L-B2 | - |
| GYZ16HL | YTX14L | - | YTX14L-BS | - | - |
| - | - | - | YT19BL-BS | 51913, 51814 | - |
| - | YTX20CH | YTX20CH-BS | YTX16-BS | - | - |
| GYZ20H ⁷ | YTX20H ⁷ , YTX20 ² | YTX20H-BS ² | YTX20-BS ² | YB16-B, YB16-B-CX | - |
| GYZ20H | YTX20H, YTX20 ² | YTX20H-BS ² | YTX20-BS ² | YB18-A | - |
| - | YTX20HL-PW ⁸ | YTX20HL-BS-PW ⁸ | - | YB16CL-B | - |
| GYZ20HL ⁷ , GYZ20L | YTX20HL, YTX20L | YTX20HL-BS | YTX20L-BS | YB16HL-A-CX | - |
| GYZ20HL, GYZ20L | YTX20HL, YTX20L ² | YTX20HL-BS ² | YTX20L-BS ² | YB16L-B | - |
| GYZ20HL, GYZ20L | YTX20HL, YTX20L ² | YTX20HL-BS ² | YTX20L-BS ² | YB18L-A | - |
| GYZ20HL ⁸ , GYZ20L | YTX20HL, YTX20L | YTX20HL-BS ² | YTX20L-BS | - | - |
| - | YTX24HL ³ | YTX24HL-BS ³ | - | Y50-N18L-A, Y50-N18L-A-CX | - |
| - | YTX24HL | YTX24HL-BS | - | Y50-N18-A3 | - |
| - | YTX24HL ^{1,3} | YTX24HL-BS ^{1,3} | - | SY50-N18-AT | - |
| - | YIX20HL ⁹ | YIX20HL-BS ⁹ > YTX20HL-BS | - | - | - |
| - | YIX30L ⁹ | YIX30L-BS ⁹ | - | YB30L-B | - |
| GYZ32HL | YIX30L ⁹ | YIX30L-BS ⁹ | - | YB30CLB | - |
| - | YIX30L-PW ^{5,9} | YIX30L-BS-PW ^{5,9} | - | 53030 | Y60-N24L-B (Discontinued) |
| - | YIX30L ⁹ | YIX30L-BS ⁹ | - | - | - |

1 Eliminates need for sensor (needs to be disabled).

2 The YTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.

3 Top and front terminal mounts only.

4 Includes 10mm height spacer.

5 Includes 17mm height spacer.

6 Includes 20mm height spacer for use in replacing YB16CL-B.

7 For Harley-Davidson Models only.

8 GYZ20HL has flush terminals, different than OEM battery on Honda GL1800.

9 Preferred cold climate performance.

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|----------------|-------------------------------|---------|----------------|----------------------|-----------|-------------------------|------------|--|---------------|----------------|----------------------|---------------|-------------------------|
| APRILIA | | | | | | | | DB3 Mantra | '97-'99 | - | - | YTX7L-BS (x2) | - |
| 1200 | Dorsoduro, Caponord | '11-'17 | GYZ16H | YTX14H-BS | YTX14-BS | - | DB4 | '98-'00 | Not Available | - | - | - | - |
| 1100 | Tuono V4 1100, RR | '14-'18 | - | - | YT12A-BS | - | Tesi | '91-'95 | - | - | YTX14AH-BS | - | YB14-A2 |
| 1000 | RSV4 R, Factory | '09-'15 | - | YTZ10S | - | - | BMW | | | | | | |
| | ETV Caponord | '01-'07 | GYZ16H | YTX14H-BS | YTX14-BS | - | 1600 | K1600GT, GTL | '11-'17 | - | - | YT19BL-BS | 51913 |
| | RST Futura | '01-'04 | - | - | YTX12-BS | - | | K1600 Bagger | '17 | - | YTX20CH-BS | YTX16-BS | - |
| | RSV 1000, Mille SP | '98-'99 | - | - | YTX12-BS | - | 1300 | K1300GT | '09-'11 | - | - | YT19BL-BS | 51913 |
| | RSV 1000 R, Factory | '04-'11 | - | - | YTX12-BS | - | | K1300R, S | '09-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | RSV 1000 Mille, R | '00-'09 | - | - | YTX12-BS | - | 1200 | R1200S, R | '05-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Tuono 1000 R, Factory | '03-'11 | - | - | YTX12-BS | - | | R1200GS | '05-'13 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Tuono V4R | '11-'14 | - | - | YT12A-BS | - | | R1200GSW | '13-'17 | - | YTZ14S | - | - |
| | SL Falco | '00-'03 | GYZ16H | YTX14H-BS | YTX14-BS | - | | R1200GS Adventure | '08-'17 | - | YTZ14S | - | - |
| 900 | Dorsoduro | '07 | GYZ16H | YTX14H-BS | YTX14-BS | - | | R1200RS | '14-'18 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Shiver | '17 | GYZ16H | YTX14H-BS | YTX14-BS | - | | K1200LT, GT | '05-'09 | - | - | YT19BL-BS | 51913 |
| 850 | Mana 850, GT | '07-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - | | R1200RT | '05-'13 | - | - | YT19BL-BS | 51913 |
| 750 | Shiver | '07-'09 | GYZ16H | YTX14H-BS | YTX14-BS | - | | R1200RT | '14-'18 | - | YTX20CH-BS | YTX16-BS | - |
| | Shiver | '10-'16 | - | - | YTX12-BS | - | | K1200LT, GT, RS, S | '99-'05 | - | - | YT19BL-BS | 51913 |
| | Dorsoduro | '09-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - | | K1200RS | '97-'05 | - | - | YT19BL-BS | 51913 |
| 650 | Pegaso | '92-'96 | - | YTX14AHL-BS | - | SYB14L-A2 † | | R1200C | '98-'05 | - | - | YT19BL-BS | 51913 |
| | Pegaso | '97-'04 | - | - | - | YB12AL-A2 | | HP2 Sport / Megamoto / Enduro | '05-'11 | - | YTZ14S | - | - |
| | Pegaso Strada, Factory, Trail | '05-'12 | - | - | YTX12-BS | - | 1170 | R nineT, Scrambler, Pure, Racer, Urban | '13-'19 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Moto-65 | '95-'99 | - | - | - | YB12AL-A2 | | R1200ST | '05-'07 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 550 | RXV550 | '10 | - | - | YTX7A-BS | - | | R1150GS, R | '00-'05 | - | - | YT19BL-BS | 51913 |
| | SVX550 | '10 | - | - | YTX7A-BS | - | 1150 | R1150R, RS, RT | '01-'06 | - | - | YT19BL-BS | 51913 |
| 500 | Scarabeo | '04-'05 | - | YTX14AHL-BS | - | - | 1100 | K1100LT/RS | '90-'95 | - | - | YT19BL-BS | 51913 |
| | Atlantic | '03-'05 | - | YTX14AHL-BS | - | - | | R1100GS | '94-'00 | - | - | YT19BL-BS | 51913 |
| 450 | RXV450 | '10 | - | - | YTX7A-BS | - | | R1100R | '94-'00 | - | - | YT19BL-BS | 51913 |
| | SVX450 | '10 | - | - | YTX7A-BS | - | | R1100RS, RT | '93-'00 | - | - | YT19BL-BS | 51913 |
| 250 | RS250 | '00-'04 | - | - | - | YB4L-B | | R1100S, ABS | '98-'05 | - | - | YT19BL-BS | 51913 |
| 200 | Atlantic | '04-'05 | - | - | - | YB12AL-A2 | 1000 | All "K" Models | '83-'93 | GYZ32HL | YX30L-BS | - | 53030 |
| 150 | Scarabeo | '00-'04 | - | - | - | YB12AL-A2 | | R100/7 | '76-'84 | GYZ32HL | YX30L-BS | - | 53030 |
| | Mojito | '04-'05 | - | YTZ8V | YTX7L-BS | - | | R100GS, PD, R, RS, RT | '87-'95 | GYZ32HL | YX30L-BS | - | 53030 |
| 125 | RS125 | '11 | - | - | - | YB9-B* | | R100GS | '76-'84 | GYZ32HL | YX30L-BS | - | 53030 |
| | RS4 125 | '11-'13 | - | YTZ8V | YTX7L-BS | - | | HP4 (w/ alarm system) | '13-'14 | - | YTZ10S | - | - |
| 50 | RS50 | '00-'05 | - | - | - | YB4L-B | | HP4 (w/o alarm system) | '13-'14 | - | YTZ7S | - | - |
| | RS4 50 | '11-'13 | - | YTZ7S | YTX5L-BS | - | | S1000R | '14-'17 | - | YTZ10S | - | - |
| | SR50 | '00-'01 | - | - | - | YB4L-B | | S1000RR | '09-'13 | - | YTZ10S | - | - |
| | SR50 Ditech | '01-'05 | - | YTZ7S | YTX5L-BS | - | | S1000RR DWA | '09-'11 | - | YTZ12S | - | - |
| | Scarabeo 50 | '00-'03 | - | - | - | YB4L-B | | S1000RR | '14-'16 | - | YTZ7S | - | - |
| | Mojito | '04-'05 | - | - | - | YB4L-B | | S1000RR DWA | '14-'16 | - | YTZ10S | - | - |
| | Rally | '04-'05 | - | - | - | YB4L-B | | S1000XR | '16-'17 | - | - | YTX9-BS | - |
| | | | | | | | | S1000XR DWA | '16 | - | YTZ10S | - | - |
| ATK | | | | | | | 900 | R90/6, R90S | '69-'76 | GYZ32HL | YX30L-BS | - | 53030 |
| | All Electric Start Models | '91-'95 | - | - | YTX9-BS | - | 850 | R850R | '95-'97 | - | - | YT19BL-BS | 51913 |
| | All Electric Start Models | '96-'01 | - | YTZ8V | YTX7L-BS | - | 800 | F800ST, GS, GT, R, ADV | '07-'18 | GYZ16H † | YTX14H-BS | YTX14-BS | - |
| | | | | | | | | F800GT (auxiliary battery) | '13-'16 | - | YTZ14S | - | - |
| BENELLI | | | | | | | | R80, R80RT | '84-'95 | GYZ32HL | YX30L-BS | - | 53030 |
| 900 | 900 (6 Cilindri) | | GYZ32HL | YX30L-BS | - | 53030 | | R80GS, R80ST | '80-'96 | - | - | YT19BL-BS | 51814 |
| 650 | 650 Tornado U.T. | | - | - | YB12A-A* | - | | R80/7, R80RT | '78-'84 | GYZ32HL | YX30L-BS | - | 53030 |
| 250 | 250 (4 Cilindri) | | - | - | YB12A-A* | - | 798 | F700GS | '11-'18 | GYZ16H † | YTX14H-BS | YTX14-BS | - |
| | 250-2C | | - | - | 6N11A-1B | - | | F700GS (auxiliary battery) | '11-'18 | - | YTZ14S | - | - |
| 125 | 125 Cross | | - | - | 6N11A-1B | - | 750 | K75, RT | '85-'95 | GYZ32HL | YX30L-BS | - | 53030 |
| | 125 Custom Guzzi | | - | - | 12N5.5-4A | - | | K75 | '85-'86 | - | - | YT19BL-BS | 51814 |
| | 125 Guzzi | | - | - | 12N5.5-4A | - | | K75 | '87-'92 | - | - | 52515* | |
| | 125 Jarno (c/aw.) | | - | - | YB9-B* | - | | K75 | '93-'95 | - | - | YT19BL-BS | 51913 |
| | 125 Scooter Benelli | | - | - | YB9L-B* | - | | K75C | '85-'86 | - | - | YT19BL-BS | 51814 |
| | 125-2 CSE | | - | - | 6N11A-1B | - | | K75C | '87-'93 | - | - | 52515* | |
| | 125CS | | - | - | YB9-B* | - | | K75C | '85-'95 | - | - | YT19BL-BS | 51814 |
| | 125T Sport | | - | - | 6N11A-1B | - | | K75RT | '92-'96 | - | - | YT19BL-BS | 51913 |
| 50 | Devil 50 (c/aw.) | | - | - | YB4L-B | - | | K75S | '85-'86 | - | - | YT19BL-BS | 51814 |
| | KBX 50 Race | | - | - | YB4L-B | - | | K75S | '87-'92 | - | - | 52515* | |
| | Scooty LX/DLX | | - | - | YB4L-B | - | | R75/5 | '70-'73 | - | - | YT19BL-BS | 51814 |
| | | | | | | | | R75/7 | '76-'84 | GYZ32HL | YX30L-BS | - | 53030 |
| | | | | | | | | R75/6 | '69-'76 | GYZ32HL | YX30L-BS | - | 53030 |
| | | | | | | | | 700 R69 - R69S | '55-'69 | - | - | - | B38-6A |
| | | | | | | | | 650 F650, G650GS | '93-'16 | - | - | - | YB12AL-A2 |
| | | | | | | | | F650GS | '07-'12 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | | | | | | | | G650 X, Challenge, Country, Moto | '06-'09 | - | YTZ10S | - | - |
| | | | | | | | | R65 | '84-'95 | GYZ32HL | YX30L-BS | - | 53030 |
| | | | | | | | | R65LS | '78-'84 | - | - | YT19BL-BS | 51814 |
| | | | | | | | | 600 R60, R60/2 Twin Cylinders | '55-'69 | - | - | - | B38-6A |
| | | | | | | | | R60/5 | '70-'73 | - | - | YT19BL-BS | 51814 |
| | | | | | | | | R60/6, R60/7 | '69-'84 | GYZ32HL | YX30L-BS | - | 53030 |
| | | | | | | | | 500 R50/2 Twin Cylinders | '55-'69 | - | - | - | B38-6A |
| | | | | | | | | R50/5 | '70-'73 | - | - | YT19BL-BS | 51814 |

* See Battery Cross Reference Chart on page 17

† This battery includes a sensor

‡ 52515 not available in USA

c YTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.

(x2) Order two batteries

MOTORCYCLE APPLICATIONS

MOTORCYCLE

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | |
|-----|--------------------------|---------|----------------|----------------------|---------|-------------------------|------|------------------------------|-----------------------------|----------------|----------------------|-------------|-------------------------|--------|
| | R50/S Twin Cylinders | '55-'69 | - | - | - | B38-6A | 1198 | 1198, MY08, SP, R | '09-'11 | - | - | YT12B-BS | - | |
| 450 | G450 | '09-'11 | - | YTZ7S | - | - | | Diavel | '11-'17 | - | - | YT12B-BS | - | |
| 310 | G 310 R, GS | '16-'19 | - | - | YTX9-BS | - | | 1198 Panigale R | '16 | Not available | - | - | - | |
| 260 | R26, R27 Single Cylinder | '55-'69 | - | - | - | 6N11A-1B | 1100 | Monster 1100 | '09-'13 | - | - | YT12B-BS | - | |
| | R 26 | | - | - | - | B38-6A | | MultiStrada | '07-'09 | - | - | YT12B-BS | - | |
| | | | - | - | - | - | | Hypermotard | '07-'13 | - | - | YT12B-BS | - | |
| | | | - | - | - | - | | Street Fighter, S | '09-'12 | - | - | YT12B-BS | - | |
| | | | - | - | - | - | | 1098 | 1098 | '07-'09 | - | - | YT12B-BS | - |
| | | | - | - | - | - | | 1098 | '07 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | | | - | - | - | - | | Various All other models | '01-'10 | - | - | YT12B-BS | - | |
| | | | - | - | - | - | | 1000 Desmosedici RR | '08-'09 | - | - | YT12B-BS | - | |
| | | | - | - | - | - | | GT1000, Touring, Sport 1100S | '09 | - | - | YT12B-BS | - | |
| | | | - | - | - | - | | Monster S2R | '05-'07 | - | - | YT12B-BS | - | |
| | | | - | - | - | - | | 998 | 998, 999 | '02-'07 | - | - | YT12B-BS | - |
| | | | - | - | - | - | | 996 | 996, S, SPS | '99-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | 959 | 959 Panigale | '16-'18 | - | - | YT7B-BS | |
| | | | - | - | - | - | | 944 | Sport Touring 2 (ST2) | '97-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | Sport Touring 2 (ST2) | '01-'03 | - | - | YT12B-BS | |
| | | | - | - | - | - | | 937 | Hypermotard 939 | '16-'18 | - | - | YT12B-BS | |
| | | | - | - | - | - | | | Hyperstrada 939 | '16-'18 | - | - | YT12B-BS | |
| | | | - | - | - | - | | | MultiStrada 950 | '17-'18 | - | - | YT12B-BS | |
| | | | - | - | - | - | | 916 | 916 Biposto, Senna, Strada | '94-'98 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | I.E., SP, SP S | '94-'98 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | ST4 | '99-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | 907 | I.E. Paso | '90-'94 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B |
| | | | - | - | - | - | | 906 | Paso | '90-'92 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B |
| | | | - | - | - | - | | 900 | Monster | '94-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | SS Kick-Starter | '81 | - | - | YB12A-A | |
| | | | - | - | - | - | | | SS Replica | '81 | - | - | YB12A-A | |
| | | | - | - | - | - | | | SS Supersport, Replica | '82 | - | YTX14AHL-BS | SYB14L-A2† | |
| | | | - | - | - | - | | | SS | '89-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | SL | '92-'96 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | Supersport FE | '97-'98 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | 888 | SP, SP II, SP IV, SP V | '90-'95 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | 860 | GT, GTS | | GYZ32HL | YX30L-BS | 53030 | |
| | | | - | - | - | - | | | Kick-Start | | - | - | YB12A-A | |
| | | | - | - | - | - | | 851 | 851 Superbike | '90-'91 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | S Superbike | '91-'92 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | 848 | 848, Corse SE | '08-'13 | - | - | YT12B-BS | |
| | | | - | - | - | - | | | Street Fighter | '13 | - | - | YT12B-BS | |
| | | | - | - | - | - | | 821 | Monster | '14-'18 | - | - | YT12B-BS | |
| | | | - | - | - | - | | 803 | Scrambler | '15-'16 | - | - | YT12B-BS | |
| | | | - | - | - | - | | | Monster 797 | '17-'18 | - | - | YT12B-BS | |
| | | | - | - | - | - | | 796 | Hypermotard | '10-'13 | - | - | YT12B-BS | |
| | | | - | - | - | - | | | Monster 796 | '10-'13 | - | - | YT12B-BS | |
| | | | - | - | - | - | | 750 | F1, Montjuich, Paso | '87-'90 | - | YTX14AHL-BS | SYB14L-A2† | |
| | | | - | - | - | - | | | GT, Luguna Seca | | GYZ32HL | YX30L-BS | 53030 | |
| | | | - | - | - | - | | | Indiana | | - | YTX14AHL-BS | SYB14L-A2† | |
| | | | - | - | - | - | | | Monster | '97-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | Sport | '89-'90 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | | SS Supersport Kick-Str. | | - | - | YB12A-A | |
| | | | - | - | - | - | | | SS | '90-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | 748 | 748 Strada Biposto, SP, SPS | '97-'00 | - | - | YB16A-A2 | |
| | | | - | - | - | - | | 696 | Monster 696 | '08-'13 | - | - | YT12B-BS | |
| | | | - | - | - | - | | 650 | Alazzurra, Indiana, Pantah | | - | YTX14AHL-BS | SYB14L-A2† | |
| | | | - | - | - | - | | 600 | Pantah | | - | YTX14AHL-BS | SYB14L-A2† | |
| | | | - | - | - | - | | | TL | | - | YTX14AHL-BS | SYB14L-A2† | |
| | | | - | - | - | - | | 500 | GTL, GTV | | - | YTX24HL-BS* | Y50-N18L-A | |
| | | | - | - | - | - | | | Pantah | | - | YTX14AHL-BS | SYB14L-A2† | |
| | | | - | - | - | - | | | Sport | | - | YTX24HL-BS* | Y50-N18L-A | |
| | | | - | - | - | - | | 399 | Scrambler Sixty2 | '16 | - | - | YT12B-BS | |

BRP (CAN-AM)

| | | | | | | |
|------|-----------------|---------|----------|---------|--------|---|
| 1330 | Spyder (RT, F3) | '14-'19 | - | YTX24HL | - | - |
| 998 | Spyder (RS) | '08-'16 | - | YTX24HL | - | - |
| 900 | Ryker (ACE) | '19-'20 | GYZ16HL* | - | YTX14L | - |
| 600 | Ryker (ACE) | '19-'20 | GYZ16HL* | - | YTX14L | - |

BSA

| | | | | | | |
|--|-------------------------------|--|---|---|---|---------|
| | 250, 350, 400, 441, 500 (12V) | | - | - | - | YB7-A* |
| | 600, 650, 750 (12V) | | - | - | - | YB7-A* |
| | 250, 350, 650 (6V) | | - | - | - | B39-6 |
| | 500 Gold Star | | - | - | - | B38-6A |
| | Rocket 750, Thunderbolt | | - | - | - | YB9L-B* |
| | Spitfire HK35, Starfire B25 | | - | - | - | YB9L-B* |

BUELL

| | | | | | | |
|------|--------------------------------|---------|---------|-------------------------|------------------------|-----------|
| 1200 | X1 Lightning | '99-'02 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | S1 Lightning | '96-'99 | - | YTX14H-BS ^{FA} | YTX14-BS ^{FA} | - |
| | S3, S3T Thunderbolt | '97-'02 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | M2 Cyclone | '97-'02 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | S2, S2T Thunderbolt | '94-'96 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B-CX |
| | RR1200 | '88-'90 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B-CX |
| | RS1200 | '89-'93 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B-CX |
| | RSS1200 | '91-'93 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B-CX |
| | XB12R Firebolt | '04-'10 | GYZ16H | YTX14H ^{FA} | YTX14 ^{FA} | - |
| | XB12Ss, Sco, Lightning | '04-'10 | GYZ16H | YTX14H ^{FA} | YTX14 ^{FA} | - |
| | XB12X, XT Ulysses | '06-'10 | GYZ16H | YTX14H ^{FA} | YTX14 ^{FA} | - |
| 1125 | 1125R, 1125CR | '08-'10 | GYZ16HL | - | YTX14L ^{FA} | - |
| | Buell Racing 1125RR | '09 | - | YTZ7S | YTX5L-BS | - |
| 1000 | RR1000 | '87 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B-CX |
| 984 | XB9R Firebolt, XB9SX Lightning | '02-'10 | GYZ16H | YTX14H ^{FA} | YTX14 ^{FA} | - |
| 500 | Blast | '00-'09 | GYZ16H | YTX14H-BS | YTX14-BS | - |

CAGIVA

| | | | | | | |
|-----|--------------------------|---------|--------|-------------|----------|------------|
| 900 | Elefant E900 | | - | - | - | YB16B-A1 |
| 750 | Elefant | '94-'97 | GYZ20H | YTX20H-BS | YTX20-BS | YB16-B-CX |
| | Elefant Bifaro | '89 | - | YTX14AHL-BS | - | SYB14L-A2† |
| 500 | T4 E Elefant | '88- | - | YTX14AHL-BS | - | SYB14L-A2† |
| 350 | Elefant 2 Cyl. | '86- | - | YTX14AHL-BS | - | SYB14L-A2† |
| | T4 E Elefant, W12 | '87- | - | YTX14AHL-BS | - | SYB14L-A2† |
| | T4R | '87- | - | - | - | YB3L-A |
| 125 | Crouser | '87-'88 | - | - | - | YB9-B* |
| | Freccia C9, /C10R, /C12R | '87-'90 | - | - | - | YB9-B* |
| | Mito | '90-'97 | - | - | - | YB9-B* |
| | N 90 | '97 | - | - | - | YB9-B* |
| | Roadster | '94-'97 | - | - | - | YB9-B* |
| | Supercity | '91-'97 | - | - | - | YB9-B* |
| 50 | City, Lucky, Explorer | '94-'97 | - | YTZ5S-BS | YTX4L-BS | - |
| | K3, W4 | '98 | - | - | - | YB4L-B |

CANNONDALE

| | | | | | | |
|-----|-------------------------------|---------|---|-------|----------|---|
| 440 | C440, E440, S440, X440, X440S | '02-'03 | - | YTZ7S | YTX5L-BS | - |
| | EX400, MX400, XC400 | '00-'01 | - | YTZ7S | YTX5L-BS | - |

CCM

| | | | | | | |
|-----|---------------------------|---------|---|---|---------|---|
| 600 | All Electric Start Models | '96-'01 | - | - | YTX9-BS | - |
|-----|---------------------------|---------|---|---|---------|---|

DERBI

| | | | | | | |
|--|------------|--|---|---|---|--------|
| | All Models | | - | - | - | YB4L-B |
|--|------------|--|---|---|---|--------|

DUCATI

| | | | | | | |
|------|----------------------------|---------|---|---|----------|---|
| 1299 | Superbike 1299 Panigale, S | '15-'16 | - | - | YT7B-BS | - |
| 1262 | Diavel, S | '16-'18 | - | - | YT12B-BS | - |
| | MultiStrada 1260 | '18 | - | - | YT12B-BS | - |
| 1200 | MultiStrada | '10-'18 | - | - | YT12B-BS | - |
| | Monster 1200 | '14-'18 | - | - | YT12B-BS | - |
| 1199 | 1199, Panigale, (S) | '11-'14 | - | - | YT7B-BS | - |

EXCELSIOR-HENDERSON

| | | | | | | |
|-----------|---------|---------|---------|------------|-----------|---|
| 1386 (85) | Super X | '99-'00 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
|-----------|---------|---------|---------|------------|-----------|---|

GAS GAS

| | | | | | | |
|-----|---------|---------|---|----------|----------|---|
| 450 | FSR450 | '08 | - | YTZ7S | YTX5L-BS | - |
| 370 | Pampera | '97 | - | YTZ5S-BS | YTX4L-BS | - |
| 320 | Pampera | '98-'01 | - | YTZ5S-BS | YTX4L-BS | - |
| 250 | Pampera | '96-'01 | - | YTZ5S-BS | YTX4L-BS | - |

GILERA

| | | | | | | | |
|-----|----------|-----|---|---|-------------|---|------------|
| 600 | Nordwest | '93 | - | - | YTX14AHL-BS | - | SYB14L-A2† |
| | RC 600C | '93 | - | - | YTX14AHL-BS | - | SYB14L-A2† |

Must use adapter kit available from Buell
 * See Battery Cross Reference Chart on page 17
 † Top and front terminal mounts only

FA Must use factory activated battery
 † This battery includes a sensor

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|-----------------------------|---------|----------------|----------------------|-----|-------------------------|------|------------------------------------|-----------|----------------|-------------------------|------------------------|-------------------------|
| | Top Rally, XRT | | - | YTX14AHL-BS | - | SYB14L-A2* | (88) | FXST, FLST Series (Softail) | '00-'06 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 500 | Dakota Kick-Start | | - | - | - | 12N5.5-3B | | FL, FLH Series (Touring) | '00-'06 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | Dakota E-Starter | | - | - | - | YB10L-A2 | | FL, FLH Series (Touring) | '99 | GYZ32HL | YX30L-BS | - | YB30L-B |
| 350 | Dakota Kick-Start | | - | - | - | 12N5.5-3B | 1340 | FXD/FXST Series (Dyna) | '97-'99 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Dakota E-Starter | | - | - | - | YB10L-A2 | (80) | FXD/FXST Series (Dyna) | '91-'96 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16HL-A-CX |
| | ER Kick-Start | | - | - | - | 12N5.5-3B | | FX/FXR Series | '79-'94 | GYZ20H | YTX20H-BS | YTX20L-BS | YB16-B-CX |
| | ER E-Starter | | - | - | - | YB10L-A2 | | FXR Series | '99-'00 | GYZ20H | YTX20H-BS | YTX20L-BS | YB16-B-CX |
| | XRT | | - | YTX14AHL-BS | - | SYB14L-A2* | | FLST Series (Softail) | '97-'99 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 250 | Arizona Rally | | - | - | - | YB10L-B | | FLST Series (Softail) | '91-'96 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16HL-A-CX |
| | RV NGR Kick-Start | | - | - | - | 12N5.5-3B | | FXST/FLST Series (Softail) | '84-'90 | GYZ20HL | YTX20H-BS | YTX20L-BS | YB16-B-CX |
| | RV NGR E-Start | | - | - | - | YB10L-B | | FL, FLH Series (Touring) | '85-'96 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| 200 | Arizona | | - | - | - | 12N5.5-3B | | FL, FLH Series (Touring) | '97-'98 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | Arizona | | - | - | - | YB9-B* | | FL, FLH Series (Touring) | '78-'84 | - | - | - | YHD-12H |
| | Fast Bike | | - | - | - | 12N5.5-3B | 1250 | VRSC V-Rod | '07-'17 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Fast Bike | | - | - | - | YB9-B* | | VRSC V-Rod | '06 | GYZ16H | YTX14H ^{FA} | - | - |
| | RTX, RV, RX Kick-Start | | - | - | - | 12N5.5-3B | 1200 | XL, XLH (Sportster) | '04-'19 | GYZ16HL | - | YTX14L-BS | - |
| | RTX, RV, RX E-Starter | | - | - | - | YB9-B* | | XL, XLH (Sportster) | '97-'03 | - | YTX20HL-BS ^C | YTX20L-BS ^C | - |
| | T4 | | - | - | - | 12N5.5-3B | | XL, XLH (Sportster) | '87-'96 | - | YTX20H-BS ^C | YTX20L-BS ^C | YB16-B-CX |
| | Motocarro | | - | - | - | B38-6A | | XR1200X | '09-'12 | GYZ16HL | - | YTX14L-BS | - |
| 125 | Apache Kick-Start | | - | - | - | 12N5.5-3B | | FX Series (Electric Start) | '71-'78 | - | YTX20H-BS ^C | YTX20L-BS ^C | YB16-B-CX |
| | Apache E-Starter | | - | - | - | YB9-B* | | FX Series (Kick Start) | '71-'72 | - | - | - | YB7-A* |
| | Arizona Kick-Start | | - | - | - | 12N5.5-3B | | FL/FLH Series (Touring) | '65-'77 | - | - | - | YHD-12H |
| | Arizona E-Starter | | - | - | - | YB9-B* | 1130 | VRSC V-Rod | '02-'06 | GYZ16H | YTX14H ^{FA} | - | - |
| | Crona Kick-Start | | - | - | - | 12N5.5-3B | | VRSC R | '07 | GYZ16H | YTX14H ^{FA} | YTX14 ^{FA} | - |
| | Crona E-Starter | | - | - | - | YB9-B* | 1100 | XL Series (Sportster) | '87-'93 | GYZ20H | YTX20H-BS ^C | YTX20L-BS ^C | YB16-B-CX |
| | CX Kick-Start | | - | - | - | 12N5.5-3B | 1000 | XL Series (Sportster) | '79-'85 | GYZ20H | YTX20H-BS ^C | YTX20L-BS ^C | YB16-B-CX |
| | CX E-Starter | | - | - | - | YB9-B* | | XLCH Series (Sportster Kick Start) | '70-'78 | - | - | - | YB7-A* |
| | Fast Bike Kick-Start | | - | - | - | 12N5.5-3B | | XLCR Cafe Racer | '77-'78 | GYZ20H | YTX20H-BS ^C | YTX20L-BS ^C | YB16-B-CX |
| | Fast Bike E-Starter | | - | - | - | YB9-B* | | XLH (Sportster Electric Start) | '67-'78 | - | - | - | YHD-12H |
| | Freestyle Kick-Start | | - | - | - | 12N5.5-3B | | 1000 XLX-61, XR1000 | '83-'85 | GYZ20H | YTX20H-BS ^C | YTX20L-BS ^C | YB16-B-CX |
| | Freestyle E-Starter | | - | - | - | YB9-B* | 883 | XL, XLH (Sportster) | '04-'19 | GYZ16HL | - | YTX14L-BS | - |
| | GFR Kick-Start | | - | - | - | 12N5.5-3B | | XL, XLH (Sportster) | '97-'03 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | GFR E-Starter | | - | - | - | YB9-B* | | XLH (Sportster) | '86-'96 | GYZ20H | YTX20H-BS ^C | YTX20L-BS ^C | YB16-B-CX |
| | KK, KZ Kick-Start | | - | - | - | 12N5.5-3B | 750 | Street | '14-'19 | GYZ16HL | - | YTX14L-BS | - |
| | KK, KZ E-Starter | | - | - | - | YB9-B* | 500 | MT500 (Military) | All Years | - | YTX14AHL-BS | - | SYB14L-A2* |
| | MX1, MXR Kick-Start | | - | - | - | 12N5.5-3B | | Street | '14-'19 | GYZ16HL | - | YTX14L-BS | - |
| | MX1, MXR E-Starter | | - | - | - | YB9-B* | 350 | SS350 | All Years | - | - | - | 6N11A-1B |
| | Nebraska Kick-Start | | - | - | - | 12N5.5-3B | 250 | SS250, SX250 | '75-'78 | - | - | - | YB7L-B* |
| | Nebraska E-Starter | | - | - | - | YB9-B* | 175 | SS175, SX175 | '74-'78 | - | - | - | YB7L-B* |
| | R1, R1S Kick-Start | | - | - | - | 12N5.5-3B | 125 | SS125, SX125 | '74-'78 | - | - | - | YB7L-B* |
| | R1, R1S E-Starter | | - | - | - | YB9-B* | | SXT125 | '75-'78 | - | - | - | YB7L-B* |
| | RC Rally | | - | - | - | YB10L-B | | TX125 | '73-'78 | - | - | - | YB7L-B* |
| | RTX, RV, RX Kick-Start | | - | - | - | 12N5.5-3B | 90 | Z90 | '73-'76 | - | - | - | YB7L-B* |
| | RTX, RV, RX E-Starter | | - | - | - | YB9-B* | | | | | | | |
| | SPO1, SPO2 Kick-Start | | - | - | - | 12N5.5-3B | | | | | | | |
| | SPO1, SPO2 E-Starter | | - | - | - | YB9-B* | | | | | | | |
| | TOP Rally Kick-Start | | - | - | - | 12N5.5-3B | | | | | | | |
| | TOP Rally E-Starter | | - | - | - | YB9-B* | | | | | | | |
| | Typhoon | | - | - | - | YB7-A | | | | | | | |
| | XR1, XR2 Kick-Start | | - | - | - | 12N5.5-3B | | | | | | | |
| | XR1, XR2 E-Starter | | - | - | - | YB9-B* | | | | | | | |
| 50 | Bullit, Easy Moving, Runner | '97 | - | - | - | YB4L-B | | | | | | | |
| | Eaglet | '95-'97 | - | - | - | YB4L-B | | | | | | | |
| | GSA E-Starter | | - | - | - | YB4L-B | | | | | | | |
| | Runner | '97 | - | - | - | YB4L-B | | | | | | | |
| | Sloux E-Starter | | - | - | - | YB4L-B | | | | | | | |
| | Stalker, Storm, Top Rally | | - | - | - | YB4L-B | | | | | | | |
| | Typhoon | '97 | - | - | - | YB4L-B | | | | | | | |

| CC (CI) | HARLEY-DAVIDSON | | | | | |
|---------|---------------------------------|---------|---------|------------|-----------|---------|
| 1870 | CVO FLH Series | '17-'19 | GYZ32HL | YX30L-BS | - | YB30L-B |
| (114) | FX, FL (Softail) | '18-'19 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1803 | CVO FLH (Touring) | '07-'16 | GYZ32HL | YX30L-BS | - | YB30L-B |
| (110) | CVO FXD (Dyna) | '07-'15 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | CVO FLST (Softail) | '07-'15 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | FLS (Softail Slim S, Fat Boy S) | '16-'17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1750 | FLH, FLT Series (Touring), FLR | '17-'19 | GYZ32HL | YX30L-BS | - | YB30L-B |
| (107) | FX, FL (Softail) | '18-'19 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1690 | FLH, FLT (Touring), FLR | '11-'16 | GYZ32HL | YX30L-BS | - | YB30L-B |
| (103) | FXD (Dyna) | '12-'17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | FLS (Softail) | '12-'17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1584 | FXD Series (Dyna) | '07-'11 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| (96) | FXST, FLST Series (Softail) | '07-'11 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | FL, FLH Series (Touring) | '07-'10 | GYZ32HL | YX30L-BS | - | YB30L-B |
| 1450 | FXD Series (Dyna) | '99-'06 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|------|---|---------|----------------|-----------------------|----------------------|-------------------------|
| 1800 | GL1800 Gold Wing, F6B, F6C | '12-'19 | GYZ20L | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | GL1800 Gold Wing | '01-'10 | GYZ20L | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | VTX1800C, F, N, R, Retro, S | '02-'11 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | NRX1800 Valkyrie Rune | '04-'05 | GYZ20L | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 1500 | GL1500 Gold Wing | '88-'00 | - | YTX24HL-BS | - | Y50-N18L-A3 |
| | GL1500 Valkyrie | '97-'03 | GYZ16H | YTX14H-BS | YTX14L-BS | - |
| 1300 | CTX1300 | '14 | - | YTX14S | - | - |
| | ST1300, A, P | '03-'12 | - | YTX14S | - | - |
| | VTX1300C, R, S, Retro | '03-'12 | GYZ16H | YTX14H-BS | YTX14L-BS | - |
| | VT1300CS, CR, CT, CXA, FURY | '09-'18 | - | YTX14S | - | - |
| 1200 | GL1200 Gold Wing | '84-'87 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VFR1200F | '10-'14 | - | YTX14S | - | - |
| | VFR1200XD | '13 | - | YTX14S | - | - |
| | VFR1200X | '16-'17 | - | YTX14S | - | - |
| 1100 | CB1100F Super Sport | '83 | - | YTX14AHL-BS | - | SYB14L-A2* |
| | CB1100 | '10-'14 | - | YTX14S | - | - |
| | CB1100EX | '17- | - | YTX14S | - | - |
| | CBR1100XX | '01-'04 | - | YTX12S | - | - |
| | CBR1100XX | '97-'00 | - | YTX12S | - | - |
| | GL1100 Gold Wing | '80-'83 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | ST1100, ABS-TCS, 1100A | '91-'02 | GYZ16H | YTX14H-BS | YTX14L-BS | - |
| | VF1100C V65 Magna | '83-'86 | GYZ20H | YTX20H-BS | YTX20L-BS | YB18-A |
| | VF1100S V65 Sabre | '84-'85 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | VT1100C2 Shadow Sabre | '00-'07 | GYZ16H | YTX14H-BS | YTX14L-BS | - |
| | VT1100C, C3, T Shadow (Spirit, Aero, A. C. E. Tourer) | '01-'07 | GYZ16H | YTX14H-BS | YTX14L-BS | - |
| | VT1100C, C3, T Shadow (Spirit, Aero, A. C. E. Tourer) | '98-'00 | - | - | - | HYB16A-AB |
| | VT1100C Shadow Spirit | '85-'97 | - | - | - | HYB16A-AB |
| | VT1100C2 Shadow A. C. E. | '95-'99 | - | - | - | HYB16A-AB |

* See Battery Cross Reference Chart on page 17
^{FA} Must use factory activated battery
[†] This battery includes a sensor

^C YTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.
[▪] Top and front terminal mounts only

MOTORCYCLE APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|--------------|--|---------|----------------|----------------------|-----------|-------------------------|-------------------------------|---------|---------------|----------------|----------------------|----------|-------------------------|
| HONDA | | | | | | | | | | | | | |
| 1000 | CB1000 | '94-'95 | - | - | - | - | GL650I Silver Wing Interstate | '83 | - | - | YTX14AH-BS | - | SYB14L-A2† |
| | CB1000C Custom | '83 | - | YTX14HL-BS | - | SYB14L-A2 † | NT650 Hawk GT | '88-'91 | - | - | - | YTX9-BS | - |
| | CB1000R | '09-'18 | - | YTZ10S | - | - | NT650V | '98-'10 | - | - | YTR9-BS | - | - |
| | CBF1000F | '09-'10 | - | YTZ10S | - | - | NX650 | '88-'89 | - | - | - | YTX9-BS | - |
| | CBR1000F Hurricane | '87-'96 | - | YTX14AHL-BS | - | YB14L-B2 | SLR650 | '97-'98 | - | - | YTR9-BS | - | - |
| | CBR1000RA (ABS) | '08-'19 | - | YTZ10S | - | - | Vigor 650 | '99 | - | - | YTR9-BS | - | - |
| | CBR1000RR | '08-'18 | - | YTZ7S | YTX5L-BS | - | XR650L | '93-'18 | - | - | - | YTX9-BS | - |
| | CBR1000RR | '04-'07 | - | YTZ10S | - | - | 600 CB600F (599) | '04-'06 | - | - | YTZ8V | YTX7L-BS | - |
| | CBX1000 Super Sport | '79-'80 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A | CBR600 | '87-'00 | - | - | - | YTX9-BS | - |
| | CBX1000 Super Sport (Opt) | '79-'80 | - | YTX24HL-BS | - | Y50-N18L-A-CX | CBR600RR, RA | '05-'19 | - | - | YTZ10S | - | - |
| | CBX1000 Super Sport | '81-'82 | - | YTX24HL-BS | - | Y50-N18L-A-CX | CBR600F4i, 600RR | '01-'17 | - | - | YTZ10S | - | - |
| | CRF1000L Africa Twin | '16-'17 | - | YTZ14S | - | - | VT600C, CD Shadow Deluxe | '04-'07 | - | - | YTZ10S | - | - |
| | GL1000 Gold Wing | '75-'79 | - | YTX24HL-BS | - | Y50-N18L-A-CX | VT600C, CD Shadow Deluxe, VLX | '88-'03 | - | - | YTX9-BS | - | - |
| | RC213V-S | '16-'17 | - | YTZ7S | YTX5L-BS | - | XL600R | '83-'87 | - | - | - | - | YB3L-A |
| | RVT1000R RC51 | '00-'06 | - | YTZ12S | - | - | XL600V Transalp | '89-'90 | - | - | - | - | YB12A-B |
| | VTR1000F Super Hawk | '01-'05 | - | YTZ12S | - | - | 550 CB550 Four, K, SS | '74-'78 | - | - | - | - | YB12A-A* |
| | VTR1000F Super Hawk | '97-'00 | - | - | YTX12-BS | - | CB550SC Nighthawk | '83 | - | - | - | - | YB12AL-A2 |
| | VF1000R, F | '84-'86 | - | - | - | YB16B-A | 500 CB500 Four, Twin | '71-'76 | - | - | - | - | YB12A-A* |
| | XL1000V Varadero | '10-'12 | - | YTX20CH-BS | YTX16-BS | - | CB500X, F | '13-'18 | - | - | YTZ10S | - | - |
| 954 | CBR954RR | '02-'03 | - | YTZ10S | - | - | CB500X, F | '19 | - | - | YTZ8V | - | - |
| 929 | CBR929RR, RE | '00-'01 | - | YTZ10S | - | - | CBR500R | '13-'18 | - | - | YTZ10S | - | - |
| 919 | CB900F (919) | '02-'06 | - | YTZ10S | - | - | CMX500, A | '17-'18 | - | - | YTZ8V | YTX7L-BS | - |
| 900 | CB900C, F | '80-'82 | - | YTX14AHL-BS | - | SYB14L-A2† | CX500, C, D, T | '78-'82 | - | - | YTX14AHL-BS | - | SYB14L-A2† |
| | CBR900R, RR | '93-'99 | - | - | YTX9-BS | - | FT500 Ascot | '82-'83 | - | - | YTX14AHL-BS | - | SYB14L-A2† |
| 800 | PC800 Pacific Coast | '89-'98 | - | - | YTX12-BS | - | GB500 | '89-'90 | - | - | - | - | YB12A-B |
| | VFR800 Interceptor | '14-'16 | - | YTZ12S | - | - | GL500, I Silver Wing | '81-'82 | - | - | YTX14AHL-BS | - | SYB14L-A2† |
| | VFR800, A Interceptor, ABS | '02-'12 | - | YTZ12S | - | - | VF500C V30 Magna | '84-'85 | - | - | - | - | YB12A-A |
| | VFR800FI Interceptor | '98-'01 | - | - | YTX12-BS | - | VF500F Interceptor | '84-'86 | - | - | - | - | YB12A-A |
| | VT800C Shadow | '88 | - | YTX14AH-BS | - | YB14-B2 | VT500C Shadow | '83-'86 | - | - | - | - | YB12A-A |
| 750 | CB750 Nighthawk | '91-'03 | - | YTX14AH-BS | - | YB14-A2 | XL500R | '82 | - | - | - | - | YB3L-A |
| | CB750A Hondamatic | '76-'78 | - | YTX24HL-BS | - | Y50-N18L-A-CX | XL500S | '79-'81 | - | - | - | - | 6N4-2A-4 |
| | CB750C Custom | '80-'82 | - | YTX14AHL-BS | - | SYB14L-A2† | 450 CB450, SS | '67-'74 | - | - | - | - | YB12A-A* |
| | CB750F Super Sport | '75-'82 | - | YTX14AHL-BS | - | SYB14L-A2† | CB450SC Nighthawk, T | '82-'86 | - | - | - | - | YB12A-A |
| | CB750K Four | '69-'82 | - | YTX14AHL-BS | - | SYB14L-A2† | CL450 Scrambler | '67-'74 | - | - | - | - | YB12A-A* |
| | CB750K Limited Edition | '79 | - | YTX14AHL-BS | - | SYB14L-A2† | CM450A Hondamatic, E | '82-'83 | - | - | - | - | YB12A-A |
| | CB750SC Nighthawk | '80-'84 | - | YTX14AHL-BS | - | SYB14L-A2† | CMX450C Rebel | '86-'87 | - | - | - | - | YB12A-A |
| | NC750X, XD | '18 | - | YTZ14S | - | - | CRF450X | '05-'17 | - | - | YTZ7S | YTX5L-BS | - |
| | RVF750R (RC45) | '94 | - | - | YTX9-BS | - | CRF450X | '19 | Not Available | Not Available | - | - | - |
| | VF750C V45 Magna | '88 | - | - | - | YB12A-A | CRF450X, L | '17-'20 | - | - | - | - | - |
| | VF750C V45 Magna | '82-'83 | - | YTX14AH-BS | - | YB14-A2 | 400 CB400A | '78 | - | - | - | - | YB12A-A |
| | VF750C, C2, D Magna | '94-'03 | - | - | YTX12-BS | - | CB400F CB-1 | '89-'90 | - | - | - | YTX9-BS | - |
| | VF750F V45 Interceptor | '83-'84 | - | YTX14AH-BS | - | YB14-A2 | CB400F Super Sport | '75-'77 | - | - | - | - | YB12A-A* |
| | VF750S V45 Sabre (Discontinued) | '82-'83 | - | YTX14AHL-BS | - | SYB14L-A2† | CB400T Hawk, Hawk II | '78-'81 | - | - | - | - | YB12A-A |
| | VFR750F Interceptor | '86 | - | - | - | YB12A-B | CB400T Hawk I | '78-'79 | - | - | - | - | YB9-B* |
| | VFR750F | '90-'97 | - | - | YTX12-BS | - | CM400 (All) | '79-'81 | - | - | - | - | YB12A-A |
| | VFR750R (RC30) | '90 | - | - | YTX9-BS | - | 360 CB360, G, T | '74-'76 | - | - | - | - | YB12A-A* |
| | VT750C, CA, C2 | '04-'08 | - | YTZ12S | - | - | CJ360T | '76-'77 | - | - | - | - | YB9-B* |
| | VT750C Shadow | '83 | - | - | - | HYB16A-AB | CL360 Scrambler | '74-'75 | - | - | - | - | YB12A-A* |
| | VT750C, CA, CD Shadow | '98-'03 | - | YTX14AH-BS | YTX14-BS | - | 350 CB350 Super Sport Four | '68-'74 | - | - | - | - | YB12A-A* |
| | VT750C, CA, C2 Shadow | '04-'09 | - | YTZ12S | - | - | CL350 Scrambler | '68-'73 | - | - | - | - | YB12A-A* |
| | T750C, C2, C2B, RS Shadow/Phantom/Aero | '10-'18 | - | YTZ14S | - | - | SL350 Motosport | '70-'73 | - | - | - | - | 12N5-4B |
| | VT750DC, DCA, DCB Shadow Spirit | '01-'03 | - | YTZ14S | - | - | SL350 Motosport | '69-'70 | - | - | - | - | YB12A-A* |
| 700 | CB700SC Nighthawk 'S' | '84-'86 | - | - | - | YB14L-A1 | XL350 | '74-'78 | - | - | - | - | 6N6-3B |
| | CTX700 | '14-'18 | - | YTZ12S | - | - | XL350R | '84-'85 | - | - | - | - | YB3L-A |
| | VF700C Magna | '87 | - | - | - | YB12A-A | 305 CA77 Dream Touring (late) | '63-'69 | - | - | - | - | 12N9-3A |
| | VF700C Magna | '84-'86 | - | YTX14AH-BS | - | YB14-A2 | CB77 Super Hawk | '61-'68 | - | - | - | - | 12N9-3A |
| | VF700F Interceptor | '84-'85 | - | YTX14AH-BS | - | YB14-A2 | CL77 Scrambler | '65-'68 | - | - | - | - | 12N5-4B |
| | VF700S Sabrer | '84-'85 | - | YTX14AHL-BS | - | SYB14L-A2† | 300 CB300F | '15-'18 | - | - | YTZ8V | YTX7L-BS | - |
| | VFR700 Interceptor | '86-'87 | - | - | - | YB12A-B | CBR300R | '15-'18 | - | - | YTZ8V | YTX7L-BS | - |
| | VT700C Shadow | '86-'87 | - | YTX14AH-BS | - | YB14-B2 | CB300R, RA | '19-'20 | - | - | YTZ8V | - | - |
| | VT700C Shadow | '84-'85 | - | - | - | HYB16A-AB | CMX300, A | '17-'18 | - | - | YTZ8V | YTX7L-BS | - |
| | NT700V | '10-'13 | - | YTZ14S | - | - | 250 CA72 Dream Touring (late) | '63-'66 | - | - | - | - | 12N9-3A |
| | NC700X | '12-'17 | - | YTZ12S | - | - | CB250 Nighthawk | '91-'09 | - | - | YTZ8V | YTX7L-BS | - |
| | NC700J (NM4) | '15-'16 | - | YTZ12S | - | - | CB72 Hawk | '61-'66 | - | - | - | - | 12N9-3A |
| 680 | DN-01 | '09-'13 | - | YTZ14S | - | - | CBR250R | '11-'13 | - | - | YTZ8V | YTX7L-BS | - |
| 650 | CB650, Custom | '79-'82 | - | - | - | YB12A-A | CL72 Scrambler | '62-'65 | - | - | - | - | 12N5-4B |
| | CB650SC Nighthawk | '83-'85 | - | - | - | YB12AL-A2 | CM250C Custom | '82-'83 | - | - | - | - | YB9-B |
| | CB650SC Nighthawk | '82 | - | - | - | YB12A-A | CMX250C Rebel | '96-'16 | - | - | YTZ8V | YTX7L-BS | - |
| | CB650F, FA | '18 | - | YTZ10S | - | - | CMX250C Rebel, LTD | '85-'87 | - | - | - | - | YB9L-B |
| | CB650F, RA | '19 | - | YTZ10S | - | - | CRF250X, L | '04-'18 | - | - | YTZ7S | YTX5L-BS | - |
| | CBR650F | '14-'18 | - | YTZ10S | - | - | MT250 Elsinore | '74-'76 | - | - | - | - | 6N6-3B |
| | CX650C Custom | '83 | - | YTX14AH-BS | - | YB14-A2 | NX250 | '88-'90 | - | - | YTZ8V | YTX7L-BS | - |
| | CX650T Turbo | '83 | - | YTX14AHL-BS | - | SYB14L-A2† | VTR250 Interceptor VTR | '88-'90 | - | - | - | - | YB9-B* |
| | | | | | | | XL250 | '72-'76 | - | - | - | - | 6N6-3B |
| | | | | | | | XL250R | '82-'87 | - | - | - | - | YB3L-A |

* See Battery Cross Reference Chart on page 17
 † This battery includes a sensor

■ Top and front terminal mounts only
 □ YTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|----------------------------------|---------|----------------|----------------------|----------|-------------------------|------------------|---|---------|----------------|----------------------|-----------|-------------------------|
| | XL250S | '78-'81 | - | - | - | 6N4-2A-4 | 50 | C110, CA110 | '59-'69 | - | - | - | 6N2-2A |
| | XR250L | '91-'96 | - | YZZ5S-BS | YTX4L-BS | - | | MB5 | '82 | - | - | - | YB2.5L-C |
| 230 | CRF230L | '14 | - | YZZ8V | YTX7L-BS | - | | NA50 Express II | '80-'81 | - | - | - | 6N4-2A-6 |
| | CRF230L_M | '08-'13 | - | YZZ7S | YTX5L-BS | - | | NA50 Express II | '79 | - | - | - | 6N2-2A |
| | CRF230F_L (-'07) | '03-'19 | - | YZZ7S | YTX5L-BS | - | | NC50 Express | '80-'83 | - | - | - | 6N4-2A-6 |
| 200 | CB200_T | '74-'76 | - | - | - | YB9-B* | | NC50 Express | '78-'79 | - | - | - | 6N2-2A |
| | CL200 Scrambler | '74 | - | - | - | YB9-B* | | NC50 Express | '77 | - | - | - | 6N2A-2C-3 |
| | CM200T Twinstar | '81-'82 | - | - | - | YB9-B* | | NS50F | '90 | - | - | - | YB3L-A |
| | CM200T Twinstar | '80 | - | - | - | 6N12A-2C | | NU50 Urban Express | '82-'83 | - | - | - | YB2.5L-C-1 |
| | TLR200 Reflex | '86-'87 | - | YZZ5S-BS | YTX4L-BS | - | | NU50M Urban Express Deluxe | '82-'83 | - | - | - | YB4L-B |
| | TR200 Fat Cat | '87 | - | - | YTX7A-BS | - | | NX50M Express SR | '81-'82 | - | - | - | YB4L-B |
| | TR200 Fat Cat | '86 | - | - | YTX9-BS | - | | Z50A (K1) | '69-'70 | - | - | - | 6N2A-2C-1 |
| | XL200R | '83-'84 | - | - | - | YB3L-A | | ZB50 | '88 | - | YZZ5S-BS | YTX4L-BS | - |
| 185 | CM185T Twinstar | '78-'79 | - | - | - | 6N12A-2D | HUSABERG | | | | | | |
| | XL185S | '79-'83 | - | - | - | 6N4-2A-4 | | All Electric Start Models | '13 | - | YZZ7S | YTX5L-BS | - |
| 175 | CA175 Touring (CD175K3) | '69-'70 | - | - | - | 6N12A-2D | | All Electric Start Models | '04-'12 | - | YZZ7S | YTX5L-BS | - |
| | CB175 Super Sport | '69-'73 | - | - | - | YB9-B* | | All Electric Start Models | '97-'03 | - | - | YTX9-BS | - |
| | CL175 Scrambler | '68-'73 | - | - | - | YB9-B* | HUSQVARNA | | | | | | |
| | SL175 Motosport | '70-'72 | - | - | - | 12N5-4B | | 900 NUDA900 | '13 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | XL175 | '73-'78 | - | - | - | 6N6-3B | | 693 701 Enduro, Supermoto | '16-'19 | - | YZZ10S | - | - |
| 160 | CB160 Sport | '65-'69 | - | - | - | YB9-B* | | 701 Vitpilen | '18-'19 | - | - | YT12A-BS | - |
| | CL160 Scrambler | '66-'68 | - | - | - | YB9-B* | | 580 TE610E, SM610S | '00-'01 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 150 | CRF150F_R | '06-'17 | - | YZZ7S | YTX5L-BS | - | | 511 TE, TXC | '11 | - | YZZ7S | YTX5L-BS | - |
| 125 | C125A | '19 | - | YZZ5S-BS | - | - | | 510 TC, TXC, TE, SMR | '10 | - | YZZ7S | YTX5L-BS | - |
| | CB125S | '81-'82 | - | - | - | 6N6-3B-1 | | 501 FE | '14-'16 | - | YZZ7S | YTX5L-BS | - |
| | CB125S | '73-'80 | - | - | - | 6N6-3B | | FE | '17-'19 | Not Available | - | - | - |
| | CL125S Scrambler | '73-'75 | - | - | - | 6N4C-1B | | 450 FC | '14-'15 | - | YZZ7S | YTX5L-BS | - |
| | CRF125F | '14-'20 | - | YZZ5S-BS | YTX4L-BS | - | | FC, FX | '16-'19 | Not Available | - | - | - |
| | CT125 Trail | '77 | - | - | - | 6N4C-1B | | FE | '14-'16 | - | YZZ7S | YTX5L-BS | - |
| | MSX125 Grom | '14-'19 | - | YZZ5S-BS | YTX4L-BS | - | | FE | '17-'19 | Not Available | - | - | - |
| | MT125 Elsinore | '74-'76 | - | - | - | 6N6-3B | | TC, TXC, TE, SMR | '10 | - | YZZ7S | YTX5L-BS | - |
| | NX125 | '88-'90 | - | YZZ8V | YTX7L-BS | - | | 449 TE | '11 | - | YZZ7S | YTX5L-BS | - |
| | SL125 Motosport | '71-'73 | - | - | - | 6N6-3B | | 400 TE410E | '00-'01 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | XL125 | '74-'78 | - | - | - | 6N4C-1B | | Svartpilen, Vitpilen | '18-'19 | - | - | YT12A-BS | - |
| | XL125S | '79-'84 | - | - | - | 6N4-2A-4 | | 350 FC | '14-'15 | - | YZZ7S | YTX5L-BS | - |
| | XL125S | '85 | - | - | - | YB2.5L-C | | FC | '16-'19 | Not Available | - | - | - |
| | Z125M, MA | '19 | - | YZZ5S-BS | YTX4L-BS | - | | FE | '14-'16 | - | YZZ7S | YTX5L-BS | - |
| 110 | CRF110F | '13-'16 | - | YZZ5S-BS | YTX4L-BS | - | | FE | '17-'19 | Not Available | - | - | - |
| | CT110 Trail | '86 | - | - | - | 6N4-2A-4 | | 310 TC, TXC, TE, SMR | '10 | - | YZZ7S | YTX5L-BS | - |
| | CT110 Trail | '80-'84 | - | - | - | 6N4-2A-8 | | 300 TE | '14-'16 | - | YZZ7S | YTX5L-BS | - |
| | C110 | '09-'10 | - | YZZ7S | YTX5L-BS | - | | TE | '17-'19 | Not Available | - | - | - |
| 100 | CB100 Super Sport | '70-'72 | - | - | - | 6N6-3B | | FC | '16-'20 | Not Available | - | - | - |
| | CL100_S Scrambler | '70-'73 | - | - | - | 6N6-3B | | FC | '14-'16 | - | YZZ7S | YTX5L-BS | - |
| | SL100 Motosport | '70-'73 | - | - | - | 6N6-3B | | FE | '17-'19 | Not Available | - | - | - |
| | XL100 | '77-'78 | - | - | - | 6N4C-1B | | FE | '14-'15 | - | YZZ5S-BS | YTX4L-BS | - |
| | XL100 | '74-'76 | - | - | - | 6N6-3B | | FE | '16-'20 | Not Available | - | - | - |
| | XL100S | '83-'85 | - | - | - | 6N4-2A-4 | | TE | '14-'16 | - | YZZ7S | YTX5L-BS | - |
| | XL100S | '81-'82 | - | - | - | 6N4C-1B | | FE, TE | '02-'16 | - | YZZ7S | YTX5L-BS | - |
| | XL100S | '79-'80 | - | - | - | 6N4-2A-4 | | TXC | '17-'19 | Not Available | - | - | - |
| 90 | CA200 Honda 90 (C200 Touring 90) | '63-'66 | - | - | - | 6N6-1D | HYOSUNG | | | | | | |
| | CL90_L 5HP Scrambler | '67-'70 | - | - | - | 6N5.5-1D | | 700 ST7 | '10-'13 | - | - | YT14B-BS | - |
| | CM91 Honda 90 (C90M) | '66-'69 | - | - | - | 6N6-1D | | 650 GT650, R, S | '09-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | CT200 Trail 90 | '64-'66 | - | - | - | 6N5.5-1D | | GV650, SE | '09-'13 | - | - | YT14B-BS | - |
| | CT90 Trail | '66-'79 | - | - | - | 6N5.5-1D | | 250 GT250, R | '09-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | EZ90 Cub | '91-'96 | - | YZZ7S | YTX5L-BS | - | | GV250 | '09-'16 | - | - | YTX9-BS | - |
| | S90 Super (CS90) | '64-'69 | - | - | - | 6N6-1B | INDIAN | | | | | | |
| | SL90 Motosport | '69 | - | - | - | 6N5.5-1D | | 1819 Chief Classic, Chief Vintage, ChiefTan, Roadmaster | '14-'20 | GYZ20H | YTX20HL-BS | YTX20L-BS | - |
| | ST90 Trail Sport | '73-'75 | - | - | - | 6N5.5-1D | | Chief Dark Horse, Springfield | '16-'20 | GYZ20H | YTX20HL-BS | YTX20L-BS | - |
| 80 | XL80S | '83-'85 | - | - | - | 6N4-2A-8 | | 1720 (105) Chief Classic, Vintage, Dark Horse | '12-'13 | - | YTX24HL-BS | - | - |
| | XL80S | '80-'82 | - | - | - | 6N4C-1B | | Chief (all models) | '09-'11 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| 75 | XL75 | '77-'79 | - | - | - | 6N4C-1B | | 1638 (100) Chief | '02-'03 | - | YTX24HL-BS | - | - |
| 70 | C70 Passport | '82-'83 | - | - | - | YB5L-B | | 1442 (88) Scout, Spirit | '02-'03 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| | C70 Passport | '80-'81 | - | - | - | 6YB11-2D* | | 1203 (73) FTR 100 | '19 | GYZ16H | YTX14H-BS | - | - |
| | C70M Honda | '70-'73 | - | - | - | 6YB11-2D* | | All Models | '99-'01 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| | CL70 Scrambler | '69-'73 | - | - | - | 6N5.5-1D | | 1133 (69) Scout, Bobber | '15-'20 | - | YTX14AH | - | - |
| | CT70 | '91-'94 | - | YZZ5S-BS | YTX4L-BS | - | | 999 (61) Scout Sixty | '16-'20 | - | - | YTX14AH | - |
| | CT70 Trail | '80-'82 | - | - | - | 6N4-2A-6 | | | | | | | |
| | CT70 Trail | '74-'79 | - | - | - | 6N4C-1B | | | | | | | |
| | CT70 Trail, 70H | '69-'71 | - | - | - | 6N2A-2C | | | | | | | |
| | CT70, 70H | '72-'73 | - | - | - | 6N2A-2C-3 | | | | | | | |
| | SL70 Motosport | '73 | - | - | - | 6N2A-2C-3 | | | | | | | |
| | SL70 Motosport | '71-'72 | - | - | - | 6N2A-2C | | | | | | | |
| | XL70 | '74-'76 | - | - | - | 6N4C-1B | | | | | | | |
| 65 | S65 Sport (CS65) | '65-'69 | - | - | - | 6N2-2A | | | | | | | |
| 55 | C, CA105T Trail | '62-'65 | - | - | - | 6N2-2A | | | | | | | |

* See Battery Cross Reference Chart on page 17

* Top and front terminal mounts only

MOTORCYCLE APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----------------|---|-------------|----------------|----------------------|-----------|-------------------------|-----|-----------------------------|------------------|----------------|----------------------|----------|-------------------------|
| KAWASAKI | | | | | | | | | | | | | |
| 2000 | VN2000-A Vulcan | '04-'10 | - | YTX20CH-BS | - | - | | KZ750-F LTD, Spectre | '83 | - | YTX14AHL-BS | - | SYB14L-A2† |
| 1700 | VN1700 Voyager, Nomad, Vaquero | '09-'19 | - | YTX20CH-BS | - | - | | KZ750-L Ninja | '93 | - | - | YTX9-BS | - |
| 1600 | VN1600-A Vulcan Classic, D, Nomad | '03-'09 | - | YTX20CH-BS | - | - | | KZ750-R GP | '82 | - | - | - | YB12A-A |
| | VN1600-B Vulcan Mean Streak | '04-'09 | - | YTX20CH-BS | - | - | | VN750-A Vulcan | '86-'06 | - | YTX14AHL-BS | - | SYB14L-A2† |
| 1500 | VN1500 Vulcan 88, SE | '87-'98 | - | YTX24HL-BS* | - | Y50-N18L-A-CX | | ZN750-A LTD | '84-'85 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | VN1500-C Vulcan L | '96-'97 | - | YTX24HL-BS* | - | Y50-N18L-A-CX | | ZR-7, S | '00-'03 | - | - | YTX12-BS | - |
| | VN1500-G, J, L, R Vulcan Nomad, Drifter | '99-'05 | - | YTX20CH-BS | - | - | | ZR750 (Z750S) | '05-'06 | - | - | YTX9-BS | - |
| | VN1500-D, E, N Vulcan Classic | '96-'09 | - | YTX20CH-BS | - | - | | ZR750-C Zephyr | '91-'94 | - | - | YTX12-BS | - |
| | VN1500-P Vulcan Mean Streak | '02-'03 | - | YTX20CH-BS | - | - | | ZK750-E Turbo, GPz | '83-'85 | - | YTX14AHL-BS | - | SYB14L-A2† |
| 1400 | Ninja ZX-14, R, ABS | '06-'19 | GYZ16H | YTX14H-BS | - | - | | ZK750-F Ninja | '87-'90 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | ZG1400 Concours, ABS | '08-'19 | GYZ16H | YTX14H-BS | - | - | | ZK750-H Ninja ZX-7 | '90 | - | - | - | YB12AL-A2 |
| 1300 | KZ1300 Touring | '79-'82 | - | YTX24HL-BS* | - | Y50-N18L-A-CX | | ZK750-H Ninja ZX-7 | '89 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | ZN1300-A Voyager | '83-'88 | - | - | - | 12N24-3 | | ZK750-J Ninja ZX-7 | '91-'95 | - | - | YTX12-BS | - |
| 1200 | 1200 ZG1200 Voyager XII | '86-'03 | - | YTX24HL-BS | - | SY50-N18L-AT | | ZK750-Ninja ZX-7RR | '91-'97 | - | - | YTX9-BS | - |
| | ZRX1200R | '01-'05 | GYZ16H | YTX14H | YTX14-BS | - | 700 | ZK750-P Ninja ZX-7R | '96-'03 | - | - | YTX12-BS | - |
| | ZRX1200 DAEG | '09-'13 | - | - | YTX12-BS | - | | KZ700-A | '84 | - | - | - | YB12A-A |
| | Ninja ZX-12R | '00-'05 | GYZ16H | YTX14H-BS | YTX14-BS | - | | VN700-E Vulcan | '85 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | ZZR1200 | '02-'05 | GYZ16H | YTX14H-BS | YTX14-BS | - | | ZN700-A LTD | '84-'85 | - | YTX14AHL-BS | - | SYB14L-A2† |
| 1100 | KZ1100-A, LTD | '81-'83 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A | 650 | ER6n | '09-'12 | - | - | YTX12-BS | - |
| | KZ1100-B GP | '81-'82 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | | KL650-A, E, KLR | '87-'18 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | ZN1100-B LTD | '84-'85 | - | YTX14AHL-BS | - | SYB14L-A2† | | KL650-B Tengai | '90-'91 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | ZR1100 | '92-'95 | - | YTX20CH-BS | YTX16-BS | - | | KLE650 Versys | '08-'19 | - | - | YTX12-BS | - |
| | ZRX1100 | '99-'00 | GYZ16H | YTX14H-BS | YTX14-BS | - | | KLX650C, R | '93-'96 | - | - | YTX9-BS | - |
| | ZX1100-A GPz | '83-'84 | - | - | - | YB16L-B | | KZ650 SR, LTD, Custom | '77-'80 | - | - | - | YB10L-A2* |
| | ZX1100-C Ninja ZX-11 | '90-'93 | - | YTX14AHL-BS | - | SYB14L-A2† | | KZ650-H CSR | '81-'83 | - | - | - | YB12A-A |
| | ZX1100-D Ninja ZX-11 (CN) | '93-'94 | GYZ16H | YTX14H-BS | YTX14-BS | - | | Ninja 650, ABS | '17-'19 | - | YTZ10S | - | - |
| | ZX1100-E Ninja ZX-11 | '95-'01 | GYZ16H | YTX14H-BS | YTX14-BS | - | | Ninja 650R, Ninja 650R ABS | '12-'16 | - | - | YT12A-BS | - |
| | ZX1100-D Ninja ZX-11 | '95-'01 | GYZ16H | YTX14H-BS | YTX14-BS | - | | Ninja 650R | '06-'11 | - | - | YTX12-BS | - |
| | ZX1100-E (GPz1100) | '95-'97 | GYZ16H | YTX14H-BS | YTX14-BS | - | | Vulcan S ABS, CAFE, SE | '15-'19 | - | YTZ10S | - | - |
| 1000 | KZ1000-P Police | '02-'03/'05 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | W Series | '66-'70 | - | - | - | YB7L-B* |
| | KZ1000-P Police | '82-'01 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A | | W650 | '00-'02 | GYZ16H | YTX14H-BS | - | - |
| | KZ1000-C Police | '80-'81 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | | Z650 ABS | '17-'19 | - | YTZ10S | - | - |
| | KZ1000-C Police, Z1-R | '78-'79 | - | YTX14AHL-BS | - | SYB14L-A2† | 636 | ZX636-B, C Ninja ZX-6R, ABS | '03-'19 | - | - | YTX9-BS | - |
| | KZ1000-D, Z1-R | '78-'80 | - | YTX14AHL-BS | - | YB14L-A2 | 600 | KL600-A KLR | '84 | - | - | - | YB4L-A |
| | KZ1000, LTD | '77-'80 | - | YTX14AHL-BS | - | SYB14L-A2† | | KL600-B KLR | '85-'86 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | KZ1000-E ST, Shaft | '79-'80 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | | ZL600 (All) | '86-'97 | - | - | - | YB12A-A |
| | KZ1000-G Classic | '80 | - | YTX14AHL-BS | - | SYB14L-A2† | | ZX600-A, B, C, D Ninja | '85-'96 | - | - | - | YB12A-A |
| | KZ1000, LTD, CSR | '81-'83 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A | | ZX600-FA Ninja ZX-6R | '08-'19 | - | - | YTX9-BS | - |
| | KZ1000-R Replica | '82-'83 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A | | ZX600-E, F Ninja ZX-6, 6R | '93-'02 | - | - | YTX12-BS | - |
| | Z1000, ABS | '14-'16 | - | - | YT12A-BS | - | | ZX600-G, J Ninja ZX-6R | '98-'08 | - | - | YTX9-BS | - |
| | Z1000, ABS | '03-'13 | - | - | YTX9-BS | - | | ZX600-K, M, N Ninja ZX-6RR | '03-'06 | - | - | YTX9-BS | - |
| | ZG1000-A Concours | '86-'06 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A | | ZZR600 | '05-'09 | - | - | YTX9-BS | - |
| | ZL1000-A | '87 | - | YTX14AHL-BS | - | SYB14L-A2† | | ZZR600 | '02-'04 | - | - | YTX12-BS | - |
| | ZX10R | '86-'90 | - | YTX14AHL-BS | - | SYB14L-A2† | | 550 | KZ550, LTD, GP | '80-'83 | - | - | - |
| | ZX10R, ABS | '11-'19 | - | YTZ10S | - | - | | KZ550-F LTD | '84 | - | - | - | YB12A-A |
| | ZX1000-A Ninja 1000R, GPZ1000RX | '86-'87 | - | YTX14AHL-BS | - | SYB14L-A2† | | KZ550-F Spectre | '83 | - | - | - | YB12A-A** |
| | ZX1000-B Ninja ZX10 | '88-'89 | - | YTX14AHL-BS | - | SYB14L-A2† | | KZ550-H GP | '82-'83 | - | - | - | YB12A-A† |
| | ZX1000-C Ninja ZX-10R | '04-'10 | - | - | YT12B-BS | - | | ZR550-B Zephyr | '90-'92 | - | - | - | YB12A-A |
| | Ninja 1000, ABS | '17-'19 | - | - | YTX9-BS | - | | ZK550-A GPz | '84-'86 | - | - | - | YB12A-A† |
| | Ninja 1000, ABS | '14-'16 | - | - | YT12A-BS | - | | EN500-A Vulcan | '90-'96 | - | - | - | YB12A-A |
| | Ninja 1000, ABS | '11-'13 | - | - | YTX9-BS | - | | EN500-C Vulcan LTD | '96-'10 | - | - | - | YB12AL-A2 |
| | Ninja H2, H2R, Carbon, SX SE | '15-'19 | - | YTZ10S | - | - | | EX500-A | '87-'93 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | Ninja ZX-10RR | '17-'19 | - | YTZ10S | - | - | | EX500-D Ninja 500 | '94-'10 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | Versys 1000, LT | '15-'19 | - | - | YTX9-BS | - | | H1 Series | '73-'75 | - | - | - | YB9L-B* |
| 900 | KZ900, LTD | '76-'77 | - | - | - | YB10L-A2 | | H1 Series | '69-'72 | - | - | - | YB9-B* |
| | Vulcan 900 Classic, Custom | '06-'19 | - | - | YTX12-BS | - | | KH500-A | '76 | - | - | - | YB9L-B* |
| | Z900 (Z1 Series) | '72-'76 | - | YTX14AHL-BS | - | SYB14L-A2† | 450 | EN450-A 454 LTD | '85-'90 | - | - | - | YB12A-A |
| | Z900 ABS, Z900RS ABS, Cafe | '17-'19 | - | - | YTX9-BS | - | | KLX450R | '08-'19 | - | YTZ7S | - | - |
| | ZL900-A Eliminator | '85-'86 | - | YTX14AHL-BS | - | SYB14L-A2† | 440 | KZ440 (All) 400 KH400-A | '80-'83 | - | - | - | YB12A-A |
| | Ninja GPZ900R ZX900A1-A16 | '84-'03 | - | YTX14AHL-BS | - | SYB14L-A2† | 400 | Ninja 400 (EX), ABS | '18-'19 | - | - | YTX9-BS | - |
| | ZX900-B Ninja (ZX-9R) | '94-'97 | - | - | YTX12-BS | - | | KH400-A | '76-'78 | - | - | - | 12N5.5-4A |
| | ZX900-C Ninja (ZX-9R) | '98-'99 | - | - | YTX9-BS | - | | KLX400R, KLX400SR | '03 | - | - | YT7B-BS | - |
| | ZX900-E, F Ninja (ZX-9R) | '00-'03 | - | - | YTX9-BS | - | | KZ400 Deluxe | '77-'79 | - | - | - | YB12A-A* |
| 800 | VN800-A, B, E Vulcan, Classic, Drifter | '04-'06 | - | - | YTX12-BS | - | | KZ400-C | '78 | - | - | - | 12N5.5-4A |
| | VN800-A, B, C, E Vulcan, Classic, Drifter | '95-'03 | GYZ16H | YTX14H-BS | YTX14-BS | - | | KZ400-D, H | '74-'79 | - | - | - | YB12A-A* |
| | W800 Cafe | '19 | - | - | YTX12-BS | - | | KZ400-aS | '75-'77 | - | - | - | 12N5.5-4A |
| | Z800, ABS | '13-'16 | - | - | YTX9-BS | - | | S3 Series | '74-'75 | - | - | - | 12N5.5-4A |
| 750 | H2 Series | '72-'75 | - | - | - | 12N5.5-4A | | Z400 ABS | '19 | - | - | YTX9-BS | - |
| | KZ750, LTD, CSR | '76-'79 | - | YTX14AHL-BS | - | SYB14L-A2† | 350 | A7 Series | '66-'71 | - | - | - | YB9-B* |
| | KZ750-E, H, L LTD | '80-'83 | - | - | - | YB12A-A | | F5 Series | '70-'71 | - | - | - | 6N2-2A-3 |
| | | | | | | | | F9 Series | '73-'75 | - | - | - | 6N4B-2A-3 |
| | | | | | | | | F9 Series | '72 | - | - | - | 6N2-2A-3 |
| | | | | | | | | S2 Series | '72-'73 | - | - | - | 12N5.5-4A |
| | | | | | | | | 305 | EX305-B GP | '83 | - | - | - |
| | | | | | | | | KZ305 CSR, LTD | '81-'88 | - | - | - | YB9L-A2 |
| | | | | | | | | 300 | EX300 Ninja, ABS | '13-'17 | - | YTX9-BS | - |

* See Battery Cross Reference Chart on page 17
† This battery includes a sensor

** When ordering this battery, specify terminal adapter
* Top and front terminal mounts only

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|--------------------|---------|----------------|----------------------|----------|-------------------------|-----|----------------------------------|--------------|----------------|----------------------|----------|-------------------------|
| | Versys-X 300, ABS | '17-'19 | - | - | YTX9-BS | - | 525 | EXC Racing | '03-'07 | - | YTZ5S-BS | YTX4L-BS | - |
| | KLX300R | '20 | - | YTZ7S | - | - | | MX Desert Racing | '03 | - | YTZ7S | YTX5L-BS | - |
| 250 | EX250, Ninja 250R | '08 | - | - | YTX7A-BS | - | | MXC Racing | '00 | - | YTZ7S | YTX5L-BS | - |
| | EX250, Ninja 250R | '09-'12 | - | - | YTX9-BS | - | 520 | E/XC, M/XC Racing 4-Stroke | '00-'02 | - | YTZ5S-BS | YTX4L-BS | - |
| | A1 Series | '66-'71 | - | - | - | YB9-B* | | E/XC, M/XC Racing 4-Stroke (Opt) | '00-'02 | - | YTZ7S | YTX5L-BS | - |
| | EL250, HS | '88-'93 | - | - | - | YB9L-A2 | 450 | EXC Racing | '03-'05 | - | YTZ5S-BS | YTX4L-BS | - |
| | EX250 Ninja | '95-'07 | - | YTZ8V | YTX7L-BS | - | | EXC Racing | '05-'13 | - | YTZ7S | YTX5L-BS | - |
| | EX250 Ninja | '86-'94 | - | - | - | YB9L-A2 | | SX-F, XC-F, XC-W | '08-'10 | - | YTZ7S | YTX5L-BS | - |
| | F4 Series | '69-'70 | - | - | - | 12N5.5-4A | | SX-F | '11-'15 | - | YTZ5S-BS | YTX4L-BS | - |
| | F8 Series | '71-'72 | - | - | - | 6N2-2A-3 | | 450SMR | '09-'12 | - | YTZ7S | YTX5L-BS | - |
| | F11 Series | '73-'75 | - | - | - | 6N4B-2A-3 | | 450SMR | '13 | - | YTZ5S-BS | YTX4L-BS | - |
| | KE250-B | '77-'79 | - | - | - | 6N6-1D-2 | 400 | EXC, Racing | '05-'11 | - | YTZ7S | YTX5L-BS | - |
| | KH250-A | '76 | - | - | - | 12N5.5-4A | | EXC, Racing | '03-'05 | - | YTZ5S-BS | YTX4L-BS | - |
| | KL250 Super Sherpa | '00-'10 | - | YTZ8V | YTX7L-BS | - | | XC-W | '09-'10 | - | YTZ7S | YTX5L-BS | - |
| | KL250 | '78-'84 | - | - | - | 6N6-1D-2 | | E/XC Racing 4-Stroke | '00-'02 | - | YTZ5S-BS | YTX4L-BS | - |
| | KL250-D KLR | '85-'05 | - | - | - | YB4L-A | | E/XC Racing 4-Stroke (Opt) | '00-'02 | - | YTZ7S | YTX5L-BS | - |
| | KLX250S, SF, Camo | '06-'20 | - | YTZ8V | YTX7L-BS | - | | LC4 E/XC | '96-'98 | - | - | YTX9-BS | - |
| | KZ250 CSR, LTD | '80-'83 | - | - | - | YB10L-A2* | | RXC LC4 | '96-'01 | - | - | YTX9-BS | - |
| | S1 Series | '73-'75 | - | - | - | 12N5.5-4A | 390 | Duke | '15-'18 | - | - | YTX9-BS | - |
| 230 | KLX230, ABS | '20 | - | - | YTX7A-BS | - | | RC 390 | '18 | - | - | YTX9-BS | - |
| | KLX230R | '20 | - | - | YTX5L-BS | - | 350 | XC-F | '11-'12 | - | YTZ7S | YTX5L-BS | - |
| 200 | KZ200-A | '78-'79 | - | - | - | YB10L-B | | SX-F | '11-'15 | - | YTZ5S-BS | YTX4L-BS | - |
| 175 | F7 Series | '71-'75 | - | - | - | 6N4-2A-5 | | EXC-F | '14 | - | YTZ5S-BS | YTX4L-BS | - |
| | KE175-B | '76-'78 | - | - | - | 6N6-1D-2 | | Freeride | '13 | - | YTZ7S | YTX5L-BS | - |
| | W175 SE | '19 | - | YTZ8V | YTX7L-BS | - | 300 | XC, XC-W, EXC-F | '11-'13 | - | YTZ5S-BS | YTX4L-BS | - |
| 140 | KLX140, G, L | '08-'20 | - | YTZ8V | YTX7L-BS | - | | XC, XC-W | '14 | - | YTZ7S | YTX5L-BS | - |
| 125 | BN125 Eliminator | '01-'10 | - | - | - | YB9-B* | 250 | EXC, Racing | '05-'10 | - | YTZ7S | YTX5L-BS | - |
| | F6 Series | '71-'73 | - | - | - | 6N4-2A-5 | | EXC, Racing | '03-'05 | - | YTZ5S-BS | YTX4L-BS | - |
| | KE125-A | '76-'83 | - | - | - | 6N6-1D-2 | | EXF | '05-'10 | - | YTZ7S | YTX5L-BS | - |
| | KS125 Series | '74-'75 | - | - | - | 6N6-1D-2 | | XC, EXC | '11-'12 | - | YTZ5S-BS | YTX4L-BS | - |
| | Z125 PRO | '17-'19 | - | YTZ5S-BS | YTX4L-BS | - | | EXC-F | '11-'12 | - | YTZ7S | - | - |
| 120 | C2SS RoadRunner | '67-'69 | - | - | - | 6N4-2A-3 | | SX-F, EXC, EXC-F | '12-'15 | - | YTZ5S-BS | YTX4L-BS | - |
| | C2TR RoadRunner | '67-'69 | - | - | - | 6N4-2A-3 | | EXC-F, SX-F, XC | '16-'19 | Not Available | - | - | - |
| 110 | KLX110, L | '03-'20 | - | YTZ5S-BS | YTX4L-BS | - | | XC-F | '07-'11 | - | YTZ7S* | YTX5L-BS | - |
| 100 | G3SS Series | '75 | - | - | - | 6N4-2A-5 | | XC-W | '08-'13 | - | YTZ5S-BS* | YTX4L-BS | - |
| | G3TR Series | '71 | - | - | - | 6N4-2A-3† | | XC-W | '14 | - | YTZ7S* | YTX5L-BS | - |
| | G4TR Series | '73-'75 | - | - | - | 6N4-2A-5 | | XC-W, XCF-W | '15-'17 | - | YTZ5S-BS* | YTX4L-BS | - |
| | G4TR Series | '70-'72 | - | - | - | 6N2-2A-3 | | XC-W | '18-'19 | Not Available | - | - | - |
| | G5 Series | '74-'75 | - | - | - | 6N4-2A-5 | | XCF-W | '06-'11 | - | YTZ7S* | YTX5L-BS | - |
| | G5 Series | '72-'73 | - | - | - | 6N4-2A-3 | 200 | Duke | '13 | - | - | YTX9-BS | - |
| | KE100-A | '79-'81 | - | - | - | 6N6-1D-2 | | 200 XC-W | '14 | - | YTZ7S | YTX5L-BS | - |
| | KE100-A | '76-'78 | - | - | - | 6N4-2A-5 | | 200 XC-W | '13, '15-'16 | - | YTZ5S-BS | YTX4L-BS | - |
| | KE100-B | '82-'01 | - | - | - | 6N6-1D-2 | 125 | Duke | '13 | - | YTZ8V | YTX7L-BS | - |
| | KH100-B | '76-'77 | - | - | - | 6N4-2A-5 | | | | | | | |
| | KM100-A | '79-'81 | - | - | - | 6N6-1D-2 | | | | | | | |
| | KM100-A | '76-'78 | - | - | - | 6N4-2A-5 | | | | | | | |
| | KV100-A | '76 | - | - | - | 6N4-2A-5 | | | | | | | |
| 90 | G3SS Series | '73-'74 | - | - | - | 6N4-2A-5 | | | | | | | |
| | G3SS Series | '69-'72 | - | - | - | 6N4-2A-3† | | | | | | | |
| | G3TR Series | '69-'70 | - | - | - | 6N4-2A-3† | | | | | | | |
| | MC1 Series | '73-'75 | - | - | - | 6N4-2A-5 | | | | | | | |

KTM

| | | | | | | |
|------|-------------------------------------|---------|--------|-----------|----------|---|
| 1290 | Super Duke, R | '14-'19 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Super Duke GT | '17-'19 | - | YTZ14S | - | - |
| | Super Adventure | '14-'19 | - | YTZ14S | - | - |
| 1190 | RC8 | '09-'16 | - | YTZ14S | - | - |
| | Adventure | '13-'16 | - | YTZ14S | - | - |
| 1090 | Adventure | '17-'19 | - | YTZ14S | - | - |
| 990 | Super Duke | '03-'13 | - | YTZ14S | - | - |
| | Supermoto, SM R | '09-'13 | - | YTZ14S | - | - |
| | Adventure | '03-'13 | - | YTZ14S | - | - |
| 950 | Superenduro | '09-'11 | - | YTZ14S | - | - |
| 690 | Duke | '08-'12 | - | YTZ10S | - | - |
| | Duke | '13-'17 | - | - | YTX9-BS | - |
| | Supermoto, SM R | '07-'13 | - | YTZ10S | - | - |
| | Enduro R | '08-'18 | - | YTZ10S | - | - |
| 640 | Adventure, Duke, RXC LC4 Super Moto | '99-'02 | - | - | YTX9-BS | - |
| | Duke II, LC4, Adventure | '03-'08 | - | YTZ10S | - | - |
| 625 | SMC, SXC | '03-'09 | - | YTZ10S | - | - |
| 620 | Adventure, Duke, LC4 | '96-'98 | - | - | YTX9-BS | - |
| 530 | EXC, Racing | '03-'05 | - | YTZ5S-BS | YTX4L-BS | - |
| | EXC, Racing | '05-'12 | - | YTZ7S | YTX5L-BS | - |
| | XC-W | '09-'12 | - | YTZ7S | YTX5L-BS | - |

KYMCO

| | | | | | | |
|-----|----------|---------|---|---|---------|---|
| 250 | Venox250 | '09-'10 | - | - | YTX9-BS | - |
|-----|----------|---------|---|---|---------|---|

MOTO GUZZI

| | | | | | | |
|------|---|---------|---------|-----------------------|----------------------|-------|
| 1400 | AJDACE | '16-'18 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| 1380 | California | '13-'17 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| | Eldorado | '16 | - | YTX20CH-BS | - | - |
| | MGX-21 Flying Fortress | '16 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| 1200 | Norge | '09-'16 | - | YTX20CH-BS | - | - |
| | Sport, ABS | '09-'10 | - | YTX20CH-BS | - | - |
| | Breva 1200 | '09-'10 | - | YTX20CH-BS | - | - |
| | Stelvio | '08-'17 | - | YTX20CH ^{FA} | - | - |
| | 1200 Sport | '09-'13 | - | YTX20CH-BS | - | - |
| | GRISO V8 | '09-'17 | - | YTX20CH-BS | - | - |
| 1100 | 1100 California | '03-'05 | - | - | YTX15L-BS | - |
| | California, Special, Jackal, Breva, Griso | '05-'13 | - | YTX20CH-BS | YTX16-BS | - |
| | Stone, EV | '94-'05 | GYZ32HL | YX30L-BS | - | 53030 |
| | Quota 1100 ES | '99-'02 | - | - | YTX15L ^{FA} | - |
| | Sport 1100i | '97-'99 | - | - | YTX15L-BS | - |
| | V11 Bassa | '99-'00 | GYZ32HL | YX30L-BS | - | 53030 |
| | V11 EV | '98-'99 | GYZ32HL | YX30L-BS | - | 53030 |
| | V11 Le Mans, Sport | '99-'05 | - | - | YTX15L ^{FA} | - |
| 1064 | California Classic, Vintage | '12 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1000 | California III | '89-'93 | GYZ32HL | YX30L-BS | - | 53030 |
| | Convert | | GYZ32HL | YX30L-BS | - | 53030 |
| | Daytona | | GYZ32HL | YX30L-BS | - | 53030 |
| | Le Mans | | GYZ32HL | YX30L-BS | - | 53030 |
| | Mille | | GYZ32HL | YX30L-BS | - | 53030 |
| | 1000NT | | GYZ32HL | YX30L-BS | - | 53030 |
| | Quota | | GYZ32HL | YX30L-BS | - | 53030 |

* See Battery Cross Reference Chart on page 17

†† G3SS and G3TR models having the engine production #235611 and above, use a 6N4-2A-5 battery

^{FA} Must use factory activated battery

MOTORCYCLE APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|--|---------|----------------|----------------------|-----------------------|-------------------------|
| | V10 Centauro Sport, GT | '99-End | - | - | YTX15L* ^{FA} | - |
| 936 | Bellagio | '10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 853 | V9 Bobber, Roamer | '16-'17 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 850 | Le Man | | GYZ32HL | YX30L-BS | - | 53030 |
| | T3, T4, T5 | | GYZ32HL | YX30L-BS | - | 53030 |
| 750 | Breva 750 | '04-'10 | - | YTX14AHL-BS | - | - |
| | V7 Classic | '08-'12 | - | YTX14AHL-BS | - | - |
| | Nevada | | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A |
| | Nevada 750 Classic | '10 | - | YTX14AHL-BS | - | - |
| | NTX | | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A |
| | Strada | | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A |
| | V7 | | GYZ32HL | YX30L-BS | - | 53030 |
| | V7, Racer, Scrambler, Stone, Special | '13-'17 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | V7 Racer | '11-'12 | - | YTX14AHL-BS | - | - |
| | V7 III Carbon Shine, Dark, Milano, Rough | '18 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | V75 | | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A |
| 650 | NTX | | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A |
| | V65 | | GYZ32HL | YX30L-BS | - | 53030 |
| | V65 Florida | | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A |
| 500 | Falcone | | - | - | - | B38-6A |
| | Falcone u.t. | | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB18L-A |
| | V50 | | GYZ32HL | YX30L-BS | - | 53030 |

MuZ

| | | | | | | |
|-----|----------------------|---------|---|---|---|---------|
| 660 | Skorpion '95-'01 | '95-'01 | - | - | - | YB9L-A2 |
| 125 | All Models All Years | ALL | - | - | - | YB9L-A2 |

MV AGUSTA

| | | | | | | |
|------|----------------------|---------|---|--------|---|---|
| 1000 | F4 | '05-'16 | - | YZT10S | - | - |
| | Brutale 1078RR, 1090 | '09-'16 | - | YZT10S | - | - |
| 910 | Brutale | '06-'09 | - | YZT10S | - | - |
| 800 | Brutale | '16 | - | YZT10S | - | - |
| 750 | F4, Brutale | '00-'08 | - | YZT10S | - | - |
| 675 | F3, Brutale | '16 | - | YZT10S | - | - |

NORTON

| | | | | | | |
|-----|-------------------------|--|---|-------------|---|-------------|
| 850 | Commando, Commando (75) | | - | YTX14AHL-BS | - | SYB14L-A2 † |
| 750 | Ranger Commando | | - | - | - | 12N9-4B-1 |
| 350 | Navigator | | - | - | - | 6N11A-1B |

PIAGGIO

| | | | | | | |
|--|---|-----|---------|----------|---|---------------|
| | APE CAR, MP, MPR, P602 | | GYZ32HL | YX30L-BS | - | 53030 |
| | Ape 50 FL | '93 | - | - | - | YB9-B |
| | Boxer, Bravo, Ciao | | - | - | - | B39-6 |
| | Cosa 2 | | - | - | - | YB7-A |
| | Cosa CLX 125 (c/av.) | | - | - | - | YB7-A |
| | Cosa CLX 150 (c/av.) | | - | - | - | YB7-A |
| | Cosa CLX 200 (c/av.) | | - | - | - | YB4L-B |
| | Free | | - | - | - | YB9-B |
| | Hexagon 125/150 | | - | - | - | YB4L-B |
| | NRG 50 | | - | - | - | YB7-A* |
| | P125ETES, P125TS | | - | - | - | YB9-B |
| | P200E (c/av.) | | - | - | - | YB7-A* |
| | PK50, PK50-C.A., PK50N, PK50XL | | - | - | - | YB7-A* |
| | PK80S-C.A. | | - | - | - | YB7-A* |
| | PK125FL, PK125SS, PK125XL | | - | - | - | YB7-A* |
| | PX125 | | - | - | - | YB9-B |
| | PX125+80E | | - | - | - | 12N5.5-3B |
| | PX125+80E-AREC | | - | - | - | 12N5.5-3B |
| | PX125-80E-ARC | | - | - | - | YB9-B |
| | PX125T5 | | - | - | - | YB9-B |
| | PX150E | | - | - | - | YB9-B |
| | PX150E-ARC | | - | - | - | YB9-B |
| | PX200-ARC | | - | - | - | YB9-B |
| | PX200E-ARC | | - | - | - | 12N5.5-3B |
| | PX200GS | | - | - | - | YB9-B |
| | Quartz, Sactto, Sfera 50, Sfera 80, Skipper 125/150 | | - | - | - | YB4L-B |
| | Vespa 50 Elestart | | - | - | - | 6N11A-1B (x2) |
| | Vespa 125 Sprint | | - | - | - | B39-6 |
| | Vespa 150 GL | | - | - | - | B39-6 |
| | Vespa PK 50 FL/FL2 (c/av.) | | - | - | - | YB7-A |

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|----|------------------------|------|----------------|----------------------|-----|-------------------------|
| | Zip - Zip (Fast Rider) | | - | - | - | YB4L-B |

POLARIS-SLINGSHOT

| | | | | | | |
|-----|------------|--|---------|----------|---|---------|
| ALL | All Models | | GYZ32HL | YX30L-BS | - | YB30L-B |
|-----|------------|--|---------|----------|---|---------|

PUCH

| | | | | | | |
|--|-------------------------------|--|---|---|---|--------|
| | Cobra 80 | | - | - | - | B39-6 |
| | Cobra GTL, Daytona N50, Monza | | - | - | - | B39-6 |
| | Lido SL50, Lido Vario | | - | - | - | YB4L-B |
| | Monza GP, Monza GX, Monza X | | - | - | - | B39-6 |

ROYAL ENFIELD

| | | | | | | |
|-----|-----------------------------|---------|--------|-------------|----------|-------------|
| 650 | Int 650, Continental GT 650 | '19-'20 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 535 | Continental GT 535 | '14-'17 | - | YTX14AHL-BS | - | - |
| 500 | Classic 500, Bullet 500 | '09-'20 | - | YTX14AHL-BS | - | - |
| | All Kick-start Models | '95-'99 | - | - | - | YB7-A* |
| | All Kick-start Models | '00-'03 | - | - | - | YB5L-B* |
| | All Electric Start Models | '00-'03 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| 411 | Himalayan | '17-'20 | - | - | YTX9-BS | - |
| 350 | All Kick-start Models | '95-'99 | - | - | - | YB7-A* |
| | All Kick-start Models | '00-'03 | - | - | - | YB5L-B* |
| | All Electric Start Models | '00-'03 | - | YTX14AHL-BS | - | SYB14L-A2 † |

SUZUKI

| | | | | | | |
|------|---|---------|--------|--------------|------------|--------------|
| 1800 | VZR1800 (M109R) | '06-'17 | - | YTX20CH-BS | YTX16-BS | - |
| | VLR1800 (C109R) | '08-'12 | - | YTX20CH-BS | YTX16-BS | - |
| 1600 | Marauder, Boulevard M95 | '04-'05 | - | YTX20CH-BS | YTX16-BS | - |
| 1500 | VL1500 Intruder, Boulevard C90 | '98-'11 | - | - | YTX16-BS-1 | - |
| | VL1500 Boulevard C90 | '14-'17 | - | YTX20CH-BS | YTX16-BS | - |
| | VZ1500 Boulevard M90 | '09-'17 | - | YTX20CH-BS | YTX16-BS | - |
| 1400 | GV1400G, D, T Cavalcade | '86-'88 | - | YTX24HL-BS † | - | SY50-N18L-AT |
| | VSI400GL Intruder, GLP, S83 | '87-'11 | - | - | YTX16-BS-1 | - |
| 1300 | GSX1300BK B-King | '08-'11 | - | - | YTX12-BS | - |
| | GSX1300R Hayabusa | '99-'07 | - | - | YTX12A-BS | - |
| | GSX1300R, Z Hayabusa | '08-'18 | - | - | YTX12-BS | - |
| 1250 | GSF1250S, A Bandit, FA | '07-'16 | - | - | YT12A-BS | - |
| 1200 | GSF1200, S Bandit | '97-'05 | - | - | YTX12-BS | - |
| | GV1200GL Madura | '85-'86 | - | YTX14AHL-BS | - | YB14L-B2 |
| 1150 | GS1150E, S | '83-'86 | - | YTX14AHL-BS | - | YB14L-B2 |
| 1100 | GSX1100S Katana | '81-'81 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| | GS1100E, S | '80-'83 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| | GS1100G, K, L, Katana | '82-'84 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| | GSX-R1100 | '86-'92 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| | GSX-R1100 W | '93-'98 | - | - | YTX12-BS | - |
| | GSX1100F Katana | '88-'93 | - | YTX14AHL-BS | - | YB14L-B2 |
| | GSX1100G | '91-'93 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 1000 | DL1000 V-Strom, Adventure | '02-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | DL1000AL8, AL9 | '18-'19 | - | YTZ14S | - | - |
| | GS1000 | '78-'82 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| | GSX-R1000, Z | '01-'04 | - | - | YTX12-BS | - |
| | GSX-R1000, A | '05-'16 | - | - | YT12A-BS | - |
| | GSX-R1000R, Z, AL8 | '17-'18 | - | YTZ10S | - | - |
| | GSX-S1000, A, F, FA | '16-'17 | - | - | YT12A-BS | - |
| | GSX-S1000, A, F, FA | '18 | - | YTZ10S | - | - |
| | SV1000, S | '03-'07 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | TL1000R | '98-'03 | - | - | YT12A-BS | - |
| | TL1000S | '97-'01 | - | - | YTX12-BS | - |
| 900 | RF900, R, S, ZS | '94-'97 | - | - | YTX9-BS | - |
| 850 | GS850G, GL | '79-'83 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| 800 | VL800 Intruder Volusia, Boulevard C50, T, M50 | '01-'17 | - | - | YTX12-BS | - |
| | VS800 GL, S Intruder, Boulevard S50 | '92-'12 | - | - | YB16B-A1* | |
| | VX800 | '90-'93 | - | - | YB16B-A | |
| | VZ800 Marauder | '97-'08 | - | - | YTX12-BS | |
| 750 | GS750, Katana | '77-'83 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| | GSX750F Katana | '98-'06 | - | - | YTX9-BS | |
| | GSX750F Katana | '89-'97 | - | YTX14AHL-BS | - | YB14L-B2 |
| | GSX-R750 | '00-'19 | - | - | YT12A-BS | |
| | GSX-R750 | '96-'99 | - | - | YTX9-BS | |
| | GSX-R750 | '86-'92 | - | YTX14AHL-BS | - | SYB14L-A2 † |
| | GSXR750W | '94-'95 | - | - | YTX9-BS | |
| | GSXR750W | '93 | - | - | YTX12-BS | |
| | GSX-S750 | '15-'19 | - | - | YT12A-BS | |
| | GT750 LeMans | '72-'77 | - | YTX14AHL-BS | - | SYB14L-A2 † |

* See Battery Cross Reference Chart on page 17
 † Includes terminal adaptor for converting to side mount
 (x2) Order two batteries

† This battery includes a sensor
 † Top and front terminal mounts only and eliminates need for sensor (needs to be disabled)
 † Must use factory activated battery

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | |
|----------------|------------------------------|-----------------|----------------|----------------------|------------|-------------------------|------------------------------|---------|--------|----------------|----------------------|----------|-------------------------|----------|
| 700 | VS750GLP Intruder | '88-'91 | - | - | - | YB16B-A1* | RV200 (VanVan200) | '17-'19 | - | YTZ8V | - | - | - | |
| | GS700E, GS700ES | '85 | - | YTX14AHL-BS | - | SYB14L-A2† | GT185 Adventurer | '73-'77 | - | - | - | - | YB10L-A2 | |
| | GV700GL Madura | '85 | - | YTX14AHL-BS | - | YB14L-B2 | TC185 Ranger | '74-'77 | - | - | - | - | YB10L-A2 | |
| 650 | VS700GL Intruder | '85-'87 | - | - | - | YB16B-A1* | TS185 Sierra | '77-'81 | - | - | - | - | 6N4B-2A | |
| | DL650 V-Strom ABS, Adventure | '04-'19 | - | - | YTX12-BS | - | TS185 Sierra | '71-'76 | - | - | - | - | 6N4-2A | |
| | DR650S ER, ES | '94-'95 | - | - | YTX12-BS | - | DR125, SE, SES | '94-'96 | - | YTZ8V | YTX7L-BS | - | - | |
| | DR650S N, P | '92-'93 | - | - | YTX4L-BS | - | GN125, E | '91-'96 | - | - | - | - | YB7-A* | |
| | DR650S | '90-'91 | - | - | - | YB5L-B* | GN125, E | '82-'83 | - | - | - | - | YB7-A* | |
| | DR650SE | '98-'19 | - | - | YTX9-BS | - | RV125 SE, R | '94 | - | YTZ8V | YTX7L-BS | - | - | |
| | DR650SE (CN) | '96-'97 | - | - | YTX9-BS | - | RV125 Tracker | '73-'77 | - | - | - | - | 6N4-2A | |
| | DR650SE | '96-'97 | - | - | - | YB10L-B2 | SP125 | '86-'88 | - | - | - | - | 6N4-2A | |
| | GR650 Tempter, X | '83 | - | YTX14AHL-BS | - | SYB14L-A2† | SP125 | '82-'83 | - | - | - | - | 6N4B-2A | |
| | GS650E | '81-'82 | - | - | - | YB10L-A2 | TC125 Prospector | '73-'77 | - | - | - | - | 6N4B-2A | |
| | GS650 (All) | '81-'83 | - | YTX14AHL-BS | - | SYB14L-A2† | TS125 Duster | '71-'81 | - | - | - | - | 6N4B-2A | |
| | GSX650F | '08-'11 | - | - | YTX9-BS | - | B120P | - | - | - | - | - | 6N4-2A | |
| | LS650 Savage, S40 | '86-'19 | - | YTX14AHL-BS | - | YB14L-B2 | TC120, TC120-II, TC120R | '71 | - | - | - | - | 6N4B-2A | |
| | SV650 | '99-'02 | - | - | YT12A-BS | - | B105P | - | - | - | - | - | 6N4-2A | |
| | SV650A, SA | '03-'10 | - | - | YT12A-BS | - | A100 Go-fer | '76-'77 | - | - | - | - | 6N4-2A | |
| SV650, S | '03-'13 | - | - | YTX12-BS | - | A100 Go-fer | '69 | - | - | - | - | 6N4-2A | | |
| SV650 | '17 | - | - | YT12A-BS | - | B100P | - | - | - | - | - | 6N4-2A | | |
| SPV650 Gladius | '09-'15 | - | - | YT12A-BS | - | SP100 | '83 | - | - | - | - | 6N4B-2A | | |
| XN85 Turbo | '83 | - | YTX14AHL-BS | - | SYB14L-A2† | Scrambler AC100 | '69 | - | - | - | - | 6N4-2A | | |
| 600 | GSF600S Bandit | '96-'03 | - | - | YTX9-BS | - | Sport AS100 | '69 | - | - | - | - | 6N4-2A | |
| | GSX-R600 | '97-'19 | - | - | YTX9-BS | - | TC100 Blazer | '73-'77 | - | - | - | - | 6N4-2A | |
| | GSX-R600W | '92-'93 | - | - | YTX9-BS | - | TS100 Honcho | '78-'81 | - | - | - | - | 6N4B-2A | |
| | GSX600F Katana | '98-'06 | - | - | YTX9-BS | - | TS100 Honcho | '73-'77 | - | - | - | - | 6N4-2A | |
| | GSX600F Katana | '88-'97 | - | - | - | YB10L-B2 | RV90 Rover | '73-'77 | - | - | - | - | 6N4B-2A | |
| | SP600 | '85 | - | - | - | YB5L-B* | RV90 Rover | '72 | - | - | - | - | 6N2-2A-4 | |
| | RF600R, S | '94-'96 | - | - | YTX9-BS | - | TC90 | - | - | - | - | - | 6N4-2A | |
| | GS550E, L, M, TX | '77-'82 | - | - | - | YB10L-A2 | TC90J, TC90R | - | - | - | - | - | 6N2-2A-4 | |
| | GS550E, ES, L | '83-'86 | - | - | - | YB10L-B | Model K10, Model K10P | '68 | - | - | - | - | 6N4-2A | |
| | GT550 Indy | '72-'77 | - | - | - | YB9L-A2 | Sport 80 (Models K11 & K11P) | '68 | - | - | - | - | 6N4-2A | |
| 500 | GS500, F | '01-'11 | - | - | - | YB10L-B2 | Trail 80 (Models K15 & K15P) | '68 | - | - | - | - | 6N4-2A | |
| | GS500E | '89-'00 | - | - | - | YB10L-B2 | TS75 Colt | '75-'77 | - | - | - | - | 6N4-2A | |
| | GT500 Titan | '76-'77 | - | - | - | YB7-A* | DR-Z70 | '08-'09 | - | - | YT4B-BS | - | - | |
| | SP500 | '81-'83 | - | - | - | 6N4B-2A | DR-Z70 | '15-'17 | - | - | YT4B-BS | - | - | |
| | T500 Titan | '68-'75 | - | - | - | YB7-A* | Model 31 | '68 | - | - | - | - | 6N2-2A-4 | |
| 450 | GS450 | '83-'88 | - | - | - | YB12B-B2 | AC50, AS50 | '71 | - | - | - | - | 6N4-2A | |
| | GS450 | '80-'82 | - | - | - | YB10L-A2 | DR-Z50 | '19 | - | - | YT4B-BS | - | - | |
| | GS425, GS425E, L | '79 | - | - | - | YB10L-A2 | OR50 | '79-'80 | - | - | - | - | 6N4B-2A | |
| 400 | DR-Z400, E, S, SM | '00-'19 | - | - | YT7B-BS | - | Sport 50 (Model M12) | '68 | - | - | - | - | 6N4-2A | |
| | GN400T, X | '80-'82 | - | - | - | 6N4B-2A | TS50 | '74 | - | - | - | - | 6N4-2A | |
| 380 | GS400 | '77-'78 | - | - | - | YB10L-A2 | - | - | - | - | - | - | - | |
| | GS400X | '77-'78 | - | - | - | YB7-A* | - | - | - | - | - | - | - | |
| | GSF400 Bandit | '91-'93 | - | - | YTX9-BS | - | - | - | - | - | - | - | - | |
| | SP400 | '80 | - | - | - | 6N4B-2A | - | - | - | - | - | - | - | |
| | TS400 Apache | '76-'77 | - | - | - | 6N4B-2A | - | - | - | - | - | - | - | |
| | TS400 Apache | '72-'75 | - | - | - | YB5L-B* | - | - | - | - | - | - | - | |
| | GT380 Sebring | '72-'77 | - | - | - | YB7-A* | - | - | - | - | - | - | - | |
| | SP370 | '78-'79 | - | - | - | 6N4B-2A | - | - | - | - | - | - | - | |
| | 350 | DR350S | '90-'96 | - | YTZ5S-BS | YTX4L-BS | - | - | - | - | - | - | - | - |
| | | DR350SE | '94-'99 | - | YTZ8V | YTX7L-BS | - | - | - | - | - | - | - | YB14L-A2 |
| | | T350 Series | '79 | - | - | - | YB5L-B* | - | - | - | - | - | - | - |
| | 305 | Scrambler TC305 | '69 | - | - | - | YB5L-B* | - | - | GVZ16H | YTX14H-BS | YTX14-BS | - | - |
| | | T305 | '69 | - | - | - | YB5L-B* | - | - | - | - | - | - | - |
| | 300 | GS300L | '82-'85 | - | - | - | YB12B-B2 | - | - | - | - | - | - | - |
| | | DR250S | '90-'92 | - | YTZ5S-BS | YTX4L-BS | - | - | - | - | - | - | - | - |
| 250 | DR250S EP, ER, ES | '93-'95 | - | YTZ8V | YTX7L-BS | - | - | - | GVZ16H | YTX14H-BS | YTX14-BS | - | - | |
| | DR-Z250 | '01-'07 | - | YTZ7S | YTX5L-BS | - | - | - | - | - | - | - | - | |
| | GN250 | '82-'88 | - | - | - | YB10L-A2 | - | - | GVZ16H | YTX14H-BS | YTX14-BS | - | - | |
| | GS250T | '80-'81 | - | - | - | YB10L-A2 | - | - | GVZ16H | YTX14H-BS | YTX14-BS | - | - | |
| | GSX250R(LB, RL9) | '18-'19 | - | - | YTX9-BS | - | - | - | GVZ16H | YTX14H-BS | YTX14-BS | - | - | |
| | GT250 Hustler | '73-'77 | - | - | - | YB5L-B* | - | - | - | - | - | - | - | |
| | GW250 | '13-'17 | - | - | YTX9-BS | - | - | - | - | - | - | - | - | |
| | GZ250 | '99-'12 | - | YTZ8V | YTX7L-BS | - | - | - | - | - | - | - | 6N11A-1B | |
| | Model T20 | '69 | - | - | - | YB5L-B* | - | - | GVZ16H | YTX14H-BS | YTX14-BS | - | - | |
| | SP250 | '82-'85 | - | - | - | 6N4B-2A | - | - | - | - | - | - | - | |
| | Scrambler TC250 | '69 | - | - | - | YB5L-B* | - | - | - | - | - | - | - | |
| | T250, T250-II, T250J, T250R | '72 | - | - | - | YB5L-B* | - | - | - | - | - | - | - | |
| | TS250 Savage | '73-'81 | - | - | - | 6N4B-2A | - | - | - | - | - | - | YT12B-BS | |
| | TS250 Savage | '69-'72 | - | - | - | 6N2-2A-4 | - | - | - | - | - | - | - | |
| | TU250X | '09-'17 | - | YTZ8V | YTX7L-BS | - | - | - | - | - | - | - | - | |
| 200 | DR200SE | '96-'13 | - | YTZ8V | YTX7L-BS | - | - | - | - | - | - | - | YT12B-BS | |
| | DR200S | '15-'19 | - | YTZ8V | YTX7L-BS | - | - | - | - | - | - | - | YT12B-BS | |
| | SP200 | '86-'88 | - | - | - | YB4L-B | - | - | - | - | - | - | YTX12-BS | |
| | T200, TC200 | - | - | - | - | YB5L-B* | - | - | - | - | - | - | - | |
| | - | - | - | - | - | - | - | - | - | - | - | - | - | |

TRIUMPH

| | | | | | | |
|------|---------------------------------------|---------|---------|-------------|-----------|----------|
| 2300 | Rocket III | '03-'18 | GVZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1600 | Thunderbird | '09-'18 | GVZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1215 | Tiger Explorer | '12-'18 | GVZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Trophy | '12-'17 | GVZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1200 | Trophy | '00-'04 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| | All Other Models | '91-'99 | - | YTX14AHL-BS | - | YB14L-A2 |
| | Bonneville | '17 | - | - | YTX9-BS | - |
| 1050 | Speed Triple, R | '05-'10 | - | - | YTX12-BS | - |
| | Speed Triple, R | '11-'18 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| | Sprint ST | '05-'10 | - | - | YTX12-BS | - |
| | Sprint GT | '11-'18 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| | Tiger | '07-'12 | - | - | YT12B-BS | - |
| | Tiger | '13-'18 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| 1000 | Daytona | '92-'93 | - | YTX14AHL-BS | - | - |
| 955 | Daytona 955i, Speed Triple, Sprint ST | '99-'04 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| | Sprint RS | '00-'04 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| | Tiger | '01-'07 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| | All Other Models | '96-'97 | - | YTX14AHL-BS | - | - |
| 900 | Scrambler, Bonneville | '06-'07 | - | - | YTX12-BS | - |
| | T90 | - | - | - | - | 6N11A-1B |
| | Tiger | '99-'01 | GVZ16H | YTX14H-BS | YTX14-BS | - |
| | Thunderbird | '02-'03 | - | YTX14AHL-BS | - | - |
| | All Other Models | '91-'01 | - | YTX14AHL-BS | - | - |
| 865 | America | '01-'13 | - | - | YT12B-BS | - |
| | Bonneville T100, SE | '05-'07 | - | - | YTX12-BS | - |
| | Scrambler | '05-'07 | - | - | YTX12-BS | - |
| | Bonneville T100, SE, FI | '08-'10 | - | - | YT12B-BS | - |
| | Scrambler | '08-'10 | - | - | YT12B-BS | - |
| | Bonneville T100, SE, FI | '11-'18 | - | - | YTX12-BS | - |
| | Scrambler | '11-'16 | - | - | YTX12-BS | - |
| | Speedmaster | '03-'15 | - | - | YTX12-BS | - |

* See Battery Cross Reference Chart on page 17
 † Includes terminal adaptor for converting to side mount

† This battery includes a sensor

MOTORCYCLE APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | |
|-----|-----------------------------|---------|----------------|----------------------|----------|-------------------------|-----|-----------------------------|----------------------|----------------|----------------------|-------------|-------------------------|------------|
| 800 | Thruxton | '03-'16 | - | - | YTX12-BS | - | | | | | | | | |
| | Bonneville | '01-'05 | - | - | YTX12-BS | - | 950 | FZ-10 | '17 | - | YTZ10S | - | - | |
| | Speedmaster | '03-'05 | - | - | YTX12-BS | - | | XVS95CT.V.V Star 950,Tourer | '09-'17 | - | YTZ14S | - | - | |
| | Tiger 800 | '11-'17 | - | - | YTX16-BS | - | | XVS95CC Copycat | '09-'16 | - | YTZ14S | - | - | |
| 750 | Bonneville, Tiger | | - | - | - | YB9-B* | | Bolt, Bolt R-SPEC | '14-'20 | - | YTZ14S | - | - | |
| | T150 Trident | | - | - | - | YB7L-B* | | SC950 | '17 | - | YTZ14S | - | - | |
| | All Other Models | '93-'97 | - | YTX14AHL-BS | - | - | 920 | XV920 Virago | '82 | - | YTX24HL-BS † | - | SY50-N18L-AT | |
| 675 | Daytona 675, R | '06-'10 | - | - | YT7B-BS | - | | XV920M Midnight Virago | '83 | - | YTX24HL-BS * | - | Y50-N18L-A-CX | |
| | Daytona 675, R | '11-'16 | - | - | YTX9-BS | - | | XV920R Virago | '81-'83 | - | YTX24HL-BS * | - | Y50-N18L-A-CX | |
| | Street Triple, R | '08-'17 | - | - | YTX9-BS | - | 900 | XJ900R Seca | '83 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| 650 | T120 Bonneville | | - | - | - | YB7L-B* | | XSR900 | '16-'18 | - | YTZ10S | - | - | |
| 600 | 600 (12V) | | Not available | - | - | - | | MT09 | '18 | - | YTZ10S | - | - | |
| | 6T, T20B | | - | - | - | 6N11A-1B | 850 | TDM850 | '92-'93 | - | - | YTX12-BS | - | |
| | Daytona 600/650, Speed Four | '02-'05 | - | - | YTX9-BS | - | | TRX850 | '95-'99 | - | YTX12-BS | - | - | |
| | TT600 | '00-'03 | - | - | YTX12-BS | - | | XS850 (All) | '80-'81 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| 500 | 500 (12V) | | Not available | - | - | - | | FZ-09 | '14-'17 | - | YTZ10S | - | - | |
| | 5TA, TR5A/R | | - | - | - | 6N11A-1B | | FJ-09 | '15-'17 | - | YTZ10S | - | - | |
| 350 | 350 (6V) | | - | - | - | 6N11A-1B | 800 | XSR900 | '16-'17 | - | YTZ10S | - | - | |
| | 350 (12V) | | Not available | - | - | - | | FZ8 | '11-'13 | - | YTZ10S | - | - | |
| | 350 3TA, Twenty One | | - | - | - | B38-6A | 750 | FZ750, FZR750 | '85-'88 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| 250 | Tigriss (6V) | | - | - | - | 6N11A-1B | | TX750 | '73-'74 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | |
| | Tigriss (12V) | | - | - | - | 6N11A-1B (x2) | | XJ750 Maxim | '82-'83 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| 200 | Tiger | | - | - | - | 6N11A-1B | | XJ750M Midnight Maxim | '83 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| 183 | Tigriss | | - | - | - | 6N11A-1B | | XJ750R Seca | '81-'83 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| | | | | | | | | XS750 (All) | '77-'79 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| | | | | | | | | XV750 Virago (All) | '81-'96 | - | - | - | YB16AL-A2 | |
| | | | | | | | | YZF750R | '94-'98 | - | - | YTX12-BS | - | |
| | | | | | | | | YZF-R7 | '99 | - | - | YT9B-BS | - | |
| | | | | | | | | 700 | FZ700, Fazer | '86-'87 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | | | | | | | | | FZ-07 | '15-'17 | - | YTZ10S | - | - |
| | | | | | | | | | MT07 | '18 | - | YTZ10S | - | - |
| | | | | | | | | | XJ700 Maxim, XJ700X | '85-'86 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | | | | | | | | | XV700 Virago | '84-'87 | - | - | YB16AL-A2 | |
| | | | | | | | | | XSR700 | '18 | - | YTZ10S | - | - |
| | | | | | | | 650 | TX650 | '74 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| | | | | | | | | TX650 | '73 | - | - | - | YB12A-A* | |
| | | | | | | | | XJ650 (All) | '80-'83 | - | - | - | YB12A-A* | |
| | | | | | | | | XS1 | '70-'71 | - | - | - | 12N5.5-3B | |
| | | | | | | | | XS2 | '72 | - | - | - | YB12A-A* | |
| | | | | | | | | XS650 | '75-'83 | - | YTX14AHL-BS | - | - | |
| | | | | | | | | XVS650 V-Star (All) | '98-'16 | - | - | YT12B-BS | - | |
| | | | | | | | 600 | FJ600 | '84-'85 | - | - | - | YB12A-A* | |
| | | | | | | | | FZ6, R | '05-'17 | - | - | YT12B-BS | - | |
| | | | | | | | | FZ600 | '86-'88 | - | - | - | YB12A-A* | |
| | | | | | | | | FZR600/R | '89-'99 | - | - | - | YB12AL-A2 | |
| | | | | | | | | SRX600 | '86 | - | - | - | YB5L-B* | |
| | | | | | | | | XJ600S Seca II | '92-'98 | - | - | YTX9-BS | - | |
| | | | | | | | | MT600 | '84-'89 | - | - | - | YB5L-B* | |
| | | | | | | | | XT600E | '90-'95 | - | - | YTX9-BS | - | |
| | | | | | | | | YX600 Radian | '86-'90 | - | - | - | YB12A-A* | |
| | | | | | | | | YZF-R6 (Excl. R6S) | '06-'16 | - | YTZ10S | - | - | |
| | | | | | | | | YZF-R6 (Excl. R6S) | '17-'20 | - | YTZ7S | - | - | |
| | | | | | | | | YZF-R6, R6S | '01-'09 | - | - | YT9B-BS | - | |
| | | | | | | | | YZF-R6 | '99-'00 | - | - | YT12B-BS | - | |
| | | | | | | | | YZF600R | '95-'07 | - | - | YTZ12-BS | - | |
| | | | | | | | | 550 | XJ550 Maxim, R Seca | '81-'83 | - | - | YB12A-A* | |
| | | | | | | | | XT550 | '82-'83 | - | - | - | YB5L-B* | |
| | | | | | | | | XZ550R Vision | '82-'83 | - | YTX14AHL-BS | - | SYB14L-A2† | |
| | | | | | | | | 535 | XV535 Virago | '87-'99 | - | - | YB12AL-A2 | |
| | | | | | | | | 500 | SR500 | '78-'99 | - | - | YB7L-B* | |
| | | | | | | | | | TX500 | '73-'74 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | | | | | | | | | XS500 | '75-'78 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | | | | | | | | | XT500 | '76-'81 | - | - | 6N6-3B-1 | |
| | | | | | | | | | XV500 Virago | '83 | - | - | YB12A-A* | |
| | | | | | | | | 450 | WR450F | '03-'20 | - | YTZ7S | - | - |
| | | | | | | | | | YZ450FX | '16-'18 | - | YTZ7S | - | - |
| | | | | | | | | | YZ450FX | '19-'20 | Not Available | - | - | - |
| | | | | | | | | 400 | DT400 Enduro | '77-'78 | - | - | - | 6N6-3B-1 |
| | | | | | | | | | DT400 Enduro | '75-'76 | - | - | - | 6N4B-2A-3 |
| | | | | | | | | | FZR400 (All) | '88-'90 | - | - | YB12AL-A2 | |
| | | | | | | | | | RD400 | '76-'79 | - | - | 12N5.5A-3B | |
| | | | | | | | | | XS400 (All) | '80-'83 | - | - | YB12A-A* | |
| | | | | | | | | | SR400 | '78-'00 | - | - | YB7L-B* | |
| | | | | | | | | | SR400 | '15-'17 | - | YT4B-BS | - | |
| | | | | | | | | 360 | DT360 Enduro | '74 | - | - | - | 6N4B-2A-3 |
| | | | | | | | | | RT1, RT1B 360 Enduro | '70-'71 | - | - | - | 6N2-2A-3 |
| | | | | | | | | | RT2, RT3 360 Enduro | '72-'73 | - | - | - | 6N4-2A-5 |

CC (C) VICTORY

YAMAHA

* See Battery Cross Reference Chart on page 17
 † Top and front terminal mounts only
 (x2) Order two batteries

† This battery includes a sensor
 † Top and front terminal mounts only and eliminates need for sensor (needs to be disabled)

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|-----------------------------------|---------|----------------|----------------------|----------|-------------------------|-----|-----------------------------|---------|----------------|----------------------|----------|-------------------------|
| | XS360 | '76-'78 | - | - | - | YB12A-A* | 175 | CT1, CT1B, CT1C 175 Enduro | '69-'71 | - | - | - | 6N2-2A-3 |
| | XS360-2 | '77 | - | - | - | YB7L-B* | | CT2, CT3 175 Enduro | '72-'73 | - | - | - | 6N4A-4D |
| 350 | BW350 Big Wheel | '87-'88 | - | - | - | YB12B-B2 | | DT175 Enduro | '78-'81 | - | - | - | 6N6-3B-1 |
| | R3 | '69 | - | - | - | YB5L-B* | | DT175 Enduro | '74-'76 | - | - | - | 6N4B-2A-3 |
| | R5, R5B, R5C | '70-'72 | - | - | - | 12N5.5A-3B | 125 | AS2C | '69 | - | - | - | 12N5.5-3B |
| | RD350 | '73-'75 | - | - | - | 12N5.5A-3B | | AT1E, AT1B, AT1C 125 Enduro | '69-'71 | - | - | - | YB7L-B* |
| | RZ350 | '84-'85 | - | - | - | 12N5.5-3B | | AT2, AT3 125 Enduro | '72-'73 | - | - | - | YB7L-B* |
| | XT350 | '85-'00 | - | - | - | YB3L-B | | DT125 Enduro | '74-'81 | - | - | - | YB7L-B* |
| | YR2/C | '68 | - | - | - | 12N5.5-3B | | RD125 | '75-'76 | - | - | - | 12N5.5A-3B |
| 321 | YZF-R3 | '15-'20 | - | YTZ8V | - | - | | TTR125E/LE (Electric Start) | '03-'20 | - | YTZ5S-BS | YTX4L-BS | - |
| 250 | DS6B, DS6C | '69-'70 | - | - | - | YB5L-B* | | XT125 | '82-'83 | - | - | - | 6N4A-4D |
| | DS7 | '72 | - | - | - | 12N5.5A-3B | | YA6 | '64-'66 | - | - | - | YB10L-B |
| | DT1 250 Enduro | '68 | - | - | - | 6N2-2A-3 | | YAS1/C | '68 | - | - | - | 12N5.5-3B |
| | DT1B, DT1C, DT1E 250 Enduro | '69-'71 | - | - | - | 6N2-2A-3 | 110 | TTR110E (Electric Start) | '08-'20 | - | - | YT4B-BS | - |
| | DT2 250 Enduro | '72 | - | - | - | 6N4-2A-5 | 100 | DT100 Enduro | '77-'83 | - | - | - | 6N4-2A-5 |
| | DT250 Enduro | '77-'79 | - | - | - | 6N6-3B-1 | | DT100 Enduro | '74-'76 | - | - | - | 6N4B-2A-3 |
| | DT250 Enduro | '74-'76 | - | - | - | 6N4B-2A-3 | | L5T, L5TA | '69-'70 | - | - | - | YB7L-B* |
| | DT3 250 Enduro | '73 | - | - | - | 6N4-2A-5 | | LS2 | '72 | - | - | - | 12N5.5A-3B |
| | RD250 | '73-'75 | - | - | - | 12N5.5A-3B | | LT2, LT3 100 Enduro | '72-'73 | - | - | - | 6N4A-4D |
| | SR250 Exciter | '80-'82 | - | - | - | YB12A-A* | | RS100 | '75-'76 | - | - | - | 6N4A-4D |
| | SRX250 | '87 | - | - | - | YB12A-A* | | YL2C/CM | '68 | - | - | - | YB7L-B* |
| | TTR250 | '99-'06 | - | - | YT7B-BS | - | | HS1, HS1B | '70-'71 | - | - | - | 12N5.5-3B |
| | WR250R, X | '08-'20 | - | YTZ7S | - | - | | HT1, HT1B 90 Enduro | '70-'71 | - | - | - | 6N2-2A-3 |
| | WR250F | '03-'07 | - | YTZ7S | YTX5L-BS | - | | TTR90E (Electric Start) | '03-'07 | - | - | YT4B-BS | - |
| | WR250F | '08-'20 | - | YTZ7S | - | - | 80 | DT80 Mini Enduro | '81-'83 | - | - | - | 6N4-2A-5 |
| | XT250 | '08-'20 | - | YTZ7S | YTX5L-BS | - | | G6S, G6SB | '70-'71 | - | - | - | 6N4A-4D |
| | XT250 | '84 | - | - | - | YB3L-B | | G7S | '72 | - | - | - | 6N4A-4D |
| | XT250 | '80-'83 | - | - | - | 6N6-3B-1 | | GT1 Mini Enduro | '73 | - | - | - | 6N4-2A-5 |
| | XV250, Route 66, Virago, V Star | '85-'20 | - | - | - | YB10L-A2* | | GT80 Mini Enduro | '74-'80 | - | - | - | 6N4-2A-5 |
| | YZ250FX | '15-'17 | - | YTZ7S | YTX5L-BS | - | | LB80 Chappy | '76-'78 | - | - | - | 6N4-2A-5 |
| 230 | TTR230 | '05-'20 | - | YTZ7S | YTX5L-BS | - | | YG1 | '62-'66 | - | - | - | 6N4A-4D |
| 225 | TTR225 | '99-'05 | - | - | - | YB7B-B | | YG5T, YG5S | '68-'69 | - | - | - | YB7L-B* |
| | XT225 | '01-'07 | - | YTZ7S | YTX5L-BS | - | 60 | JT2 Mini Enduro | '72 | - | - | - | 6N2-2A-3 |
| | XT225 Serow | '92-'00 | - | YTZ8V | YTX7L-BS | - | | RD60 | '73-'75 | - | - | - | 6N4A-4D |
| 200 | BW200E Big Wheel (Electric Start) | '86-'88 | - | - | - | YB7C-A | 50 | DT50 Enduro | '88-'90 | - | - | - | 6N4B-2A-3 |
| | CS3B, CS3C | '70-'71 | - | - | - | YB9L-A2 | | LB50P Chappy | '78-'82 | - | - | - | 6N4-2A-5 |
| | CS5 | '72 | - | - | - | YB9L-A2 | | LC50 Champ | '80-'81 | - | - | - | 6N4-2A-5 |
| | RD200 | '74-'76 | - | - | - | YB9L-A2 | | MJ50 Towny | '82 | - | - | - | 6N4-2A-5 |
| | TW200 | '87-'20 | - | - | - | YB7C-A | | QT50 Yamahopper | '79-'87 | - | - | - | 6N4-2A-5 |
| | XT200 | '82-'83 | - | - | - | 6N4A-4D | | RX50 Special | '83-'84 | - | - | - | 6N4-2A-5 |
| | YCS1 | '68 | - | - | - | YB9L-A2 | | TTR50E | '06-'20 | - | - | YT4B-BS | - |
| 185 | SR185 Exciter | '81-'82 | - | - | - | YB7L-B | | YSR50 | '87-'92 | - | - | - | 6N4-2A-5 |

* See Battery Cross Reference Chart on page 17

UTV (SIDE-BY-SIDES) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|---------------------|-----------------------------|---------|----------------|-----------------------|----------------------|-------------------------|-----------------|--------------------------------|---------|----------------|-----------------------|----------------------|-------------------------|
| ARCTIC CAT | | | | | | | | Traxter | '17-'20 | GYZ32HL | YIX30L-BS | - | - |
| 1000 | Prowler 1000 | '09-'17 | GYZ32HL | YIX30L-BS | - | YB30L-B | 800 | Commander | '11-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Wildcat 1000, X, 4, LTD, XX | '12-'19 | GYZ32HL | YIX30L-BS | - | - | | Defender, DPS, Base, STD | '16-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 812 | Prowler Pro XT, Crew | '19-'20 | GYZ32HL | YIX30L-BS | - | - | | Defender XT, CAB, MOS | '16-'20 | GYZ32HL | YIX30L-BS | - | - |
| 700 | Prowler 700 | '09 | - | YTX24HL-BS | - | - | | Maverick | '18-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Prowler 700 | '10-'17 | GYZ32HL | YIX30L-BS | - | YB30L-B | | Traxter DPS, Base, STD | '16-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Prowler 700 HDX, HDX XT | '11-'17 | GYZ32HL | YIX30L-BS | - | YB30L-B | | Traxter Pro, XT | '17-'20 | GYZ32HL | YIX30L-BS | - | - |
| | Wildcat Sport, Trail | '15-'19 | GYZ32HL | YIX30L-BS | - | YB30L-B | 427 | Traxter, Defender | '17-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 650 | Prowler 650 | '06-'09 | - | YTX24HL-BS* | - | Y50-N18L-A-CX | HONDA | | | | | | |
| 550 | Prowler 550 | '09 | - | YTX24HL-BS | - | - | 1000 | Pioneer 1000 | '16-'20 | GYZ16H | - | - | - |
| | Prowler 550 | '10-'15 | GYZ32HL | YIX30L-BS | - | YB30L-B | 700 | MUV700 Big Red | '08-'13 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 500 | Prowler 500 | '17-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | Pioneer 700 | '14-'20 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Prowler HDX500, HDX XT | '14-'17 | GYZ32HL | YIX30L-BS | - | YB30L-B | 500 | Pioneer 500 | '15-'18 | GYZ16H | - | - | - |
| | | | | | | | | Pioneer 500 | '19-'20 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| BRP (Can-Am) | | | | | | | KAWASAKI | | | | | | |
| 1000 | Commander | '11-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - | 990 | Mule Pro DXT, DX | '16-'18 | Not available | - | - | - |
| | Defender, DPS | '16-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - | 950 | KAF950, Mule 2510, 3010 Diesel | '-10 | Not available | - | - | - |
| | Defender XT, MAX, XMR, CAB | '16-'20 | GYZ32HL | YIX30L-BS | - | - | | | | | | | |
| | Maverick | '13-'18 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - | | | | | | | |

^{FA} Must use factory activated battery
 Top and front terminal mounts only

^K Available at Kawasaki dealers only

UTV (SIDE-BY-SIDES) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|---|---------|----------------|----------------------|-----------|-------------------------|-----|----------------------|---------|----------------|----------------------|-----------|-------------------------|
| | Mule 4010 Diesel | '11-'13 | Not available | - | - | - | | Ranger Diesel | '11-'14 | Not available | - | - | - |
| 820 | Mule Pro FXT, FX | '15-'20 | Not available | - | - | - | | Ranger XP | '13-'18 | Not available | - | - | - |
| 750 | Teryx All Models (US) | '08-'18 | Not available | - | - | - | | Ranger Crew | '14-'19 | Not available | - | - | - |
| | Teryx All Models (CN) | '08-'18 | GYZ16H | KMX14-BS* | - | - | 800 | RZR | '08-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 620 | KAF620, Mule 3010 4x4 Advantage Classic | '03-'07 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | RZR 4, RZR S 800 | '10-'14 | GYZ20HL | YTX30L-BS | - | YB30L-B |
| | KAF620, Mule 2500, 2510, 2520 | | - | YTX20HL-BS-PW | - | YB16CL-B | | Ranger | '10-'14 | GYZ23HL | YTX30L-BS | - | YB30L-B |
| | KAF620, Mule 3000, 3010, 3020 | | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | 700 | Ranger 6x6, 4x4 | '14-'17 | Not available | - | - | - |
| | Mule 4000 | '09-'20 | Not available | - | - | - | 570 | Ranger 6x6 | '06-'10 | GYZ23HL | YTX30L-BS | - | YB30L-B |
| | KAF620F, Mule 4010 4x4 (US) | '09-'17 | Not available | - | - | - | | RZR 570 | '12-'19 | - | YTX14AH-BS | - | YB14-B2 |
| | KAF620F, Mule 4010 4x4 (CN) | '09-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | RZR 570 EPS | '13-'17 | GYZ23HL | YTX30L-BS | - | YB30L-B |
| | Mule 4010 Trans4x4, Diesel, Mule 4000 | '09-'17 | Not available | - | - | - | | Ranger 4x4 | '14-'18 | - | YTX14AH-BS | - | YB14-B2 |
| 540 | KAF540, Mule 2010, 2020, 2030 | | - | YTX20HL-BS-PW | - | YB16CL-B | | Ranger 570 Full Size | '19 | - | YTX14AH-BS | - | YB14-B2 |
| 450 | KAF450, Mule 1000 | | - | YTX20HL-BS-PW | - | YB16CL-B | | Ranger Crew 570-4 | '16-'18 | - | YTX14AH-BS | - | YB14-B2 |
| 400 | KAF400, Mule 600, 610 | '05-'16 | - | YTX14AH-BS | - | YB14A-A2 | | Ranger Crew 570-6 | '16-'19 | - | YTX14AH-BS | - | YB14-B2 |
| | Mule SX | '17-'20 | - | YTX14AH-BS | - | YB14A-A2 | 500 | Ranger | '19 | - | YTX14AH-BS | - | YB14-B2 |
| 300 | KAF300, Mule 500, 520, 550 | | - | YTX14AH-BS | - | YB14A-A2 | | Ranger 6x6, 4x4 | '98-'04 | GYZ23HL | YTX30L-BS | - | YB30L-B |
| | | | | | | | | Ranger 4x4 | '04-'10 | GYZ23HL | YTX30L-BS | - | YB30L-B |
| | | | | | | | | Ranger 4x4 | '11-'13 | - | YTX14AH-BS | - | YB14-B2 |
| | | | | | | | 425 | Ranger 2x4 | '02-'03 | GYZ23HL | YIX30L | - | YB30L-B |
| | | | | | | | 400 | Ranger 400, 4x4 HO | '10-'14 | - | YTX14AH-BS | - | YB14-B2 |
| | | | | | | | 170 | RZR | '16-'19 | - | - | YTX12-BS | - |

KYMCO

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|-----|--------|-----|---------|------------|-----------|---|
| 700 | UXV700 | '17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 500 | UXV500 | '17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 450 | UXV450 | '17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |

POLARIS

| | | | | | | |
|------|----------------------|---------|---------------|-----------|---|---------|
| 1000 | RZR XP 1000, TURBO 4 | '14-'19 | Not available | - | - | - |
| | RZR RS1 | '18-'19 | GYZ32HL | YIX30L-BS | - | - |
| | Ranger General | '16-'19 | Not available | - | - | - |
| | Ranger Diesel | '15-'18 | Not available | - | - | - |
| 900 | RZR | '11-'14 | GYZ32HL | YIX30L-BS | - | YB30L-B |
| | RZR | '15-'19 | Not available | - | - | - |

* Available at Kawasaki dealers only

SUZUKI

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|-----|---------|-----|---------|------------|-----------|---|
| 620 | QUV620F | '05 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
|-----|---------|-----|---------|------------|-----------|---|

YAMAHA

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|------|-----------|---------|---------------|---|---|---|
| | Rhino | All | Not available | - | - | - |
| 1000 | YZX1000R | '16-'20 | Not available | - | - | - |
| 700 | Viking | '14-'20 | Not available | - | - | - |
| | Wolverine | '16-'20 | Not available | - | - | - |

SCOOTER APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|-----------------------|---------|----------------|----------------------|----------|-------------------------|-----|----------------------------|---------|----------------|----------------------|----------|-------------------------|
| | APRILIA | | | | | | 300 | NSS300 Forza | '14-'16 | - | YTZ12S | - | - |
| 850 | SRV850 | '12-'13 | GYZ16H | YTX14H-BS | YTX14-BS | - | 250 | CH250 Elite | '85-'90 | - | - | YTX12-BS | - |
| 500 | Scarabeo | '09-'13 | - | - | YTX12-BS | - | | CN250 Helix | '93-'09 | - | - | YTX12-BS | - |
| 300 | Atlantia | '12 | - | - | - | YB12AL-A2 | | NSS250 Reflex | '01-'09 | - | YTZ12S | - | - |
| 250 | Sport City | '09-'13 | - | - | YTX12-BS | - | | PS250 Big Ruckus | '05-'08 | - | YTZ12S | - | - |
| 200 | Scarabeo | '09-'13 | - | - | YTX12-BS | - | 150 | CH150 Elite | '87 | - | - | - | YB10L-B2 |
| 150 | Mojito | '09-'10 | - | YTZ8V | YTX7L-BS | - | | CH150 Elite Deluxe | '85-'86 | - | - | - | YB9-B |
| 125 | Sport City | '08-'13 | - | - | - | YB9-B | | SH150 | '10-'12 | - | YTZ8V | YTX7L-BS | - |
| 100 | Scarabeo ST | '09-'13 | - | - | - | YB9-B | | SH150 | '13 | - | YTZ7S | - | - |
| 50 | SR50 | '09-'15 | - | - | - | YB9-B | | FES150 | | - | - | YTR9-BS | - |
| | Sport City | '08-'13 | - | - | - | YB9-B | | PCX150 | '13 | - | YTZ7S | - | - |
| | | | | | | | | PCX150 | '15-'19 | - | YTZ8V | - | - |
| | BMW | | | | | | 125 | CH125 Elite | '84 | - | - | - | YB9-B |
| 650 | C650 GT, Sport | '11-'18 | GYZ16H | YTX14H-BS | YTX14-BS | - | | FES125 | | - | - | YTR9-BS | - |
| | C650 Evolution | '16-'18 | - | - | YTX9-BS | - | | NH125 Aero | '84 | - | - | - | YB5L-B |
| 600 | C600, Sport | '13-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - | | Pantheon 125 | | - | - | YTR9-BS | - |
| | C600 | '11-'12 | - | YTZ14S | - | - | | PCX125 | '11 | - | YTZ7S | - | - |
| | E-TON | | | | | | | SH125 | '10-'12 | - | YTZ8V | YTX7L-BS | - |
| 150 | Sport 150 | '12 | - | - | YTX7A-BS | - | | SH125 | '13 | - | YTZ7S | - | - |
| | Matrix R4-150 | '12 | - | - | YTX9-BS | - | 110 | NHX110 Elite | '10-'13 | - | YTZ8V | YTX7L-BS | - |
| | Beamer R4-150 | '12 | - | - | YTX9-BS | - | 80 | CH80 Elite | '93-'09 | - | YTZ7S | - | - |
| 50 | Beamer 50, Beamer III | '00-'12 | - | YTZ7S | YTX5L-BS | - | | NH80 Aero | '85 | - | YTZ7S | - | - |
| | Matrix 50 | '12 | - | YTZ7S | YTX5L-BS | - | | NH80MD Aero | '83-'84 | - | - | - | YB5L-B |
| | Sport 50 | '12 | - | - | YTX7A-BS | - | 50 | CHF50 Metropolitan, II, SP | '02-'13 | - | YTZ7S | - | - |
| | | | | | | | | NB50 Aero | '85-'87 | - | YTZ5S-BS | YTX4L-BS | - |
| | HONDA | | | | | | | NB50M Aero | '83-'84 | - | - | - | YB4L-B |
| 600 | FSC600 Silver Wing | '02-'15 | - | YTZ12S | - | - | | NCH50 Metropolitan | '13-'17 | - | YTZ5S-BS | YTX4L-BS | - |
| | | | | | | | | NN50MD Gyro | '84 | - | - | - | YB4L-B |
| | | | | | | | | NPS50, S Ruckus | '03-'19 | - | YTZ7S | - | - |
| | | | | | | | | NGQ50 Spree, 50D SS | '86-'87 | - | YTZ5S-BS | YTX4L-BS | - |

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|----|----------------------|---------|----------------|----------------------|----------|-------------------------|
| | NQ50 Spree | '84-'85 | - | - | - | YB4L-B |
| | P50 Little Honda | '67-'68 | - | - | - | 6N4-2A-4 |
| | PA50I Moped, PA50II | '78-'83 | - | - | - | 6N4B-2A-5 |
| | SA50 Elite LX, S, SR | '88-'01 | - | YTZ5S-BS | YTX4L-BS | - |
| | SB50 (All) | '88-'90 | - | YTZ5S-BS | YTX4L-BS | - |
| | SE50 Elite (All) | '87 | - | YTZ5S-BS | YTX4L-BS | - |
| | TG50 Gyro S (All) | '85-'86 | - | YTZ5S-BS | YTX4L-BS | - |

HYOSUNG

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|-----|--|-----------|---|----------|----------|---|
| 250 | NS3-250 | '09-'16 | - | - | YTX9-BS | - |
| 100 | EZ100 | All Years | - | YTZ7S | YTX5L-BS | - |
| 50 | SB50 Super Cab, SD50 Sense, SF50 Prima, Rally, Sense | All Years | - | YTZ5S-BS | YTX4L-BS | - |

KYMCO

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|-----|--------------|---------|--------|-----------|----------|---|
| 500 | Xciting 500i | '09-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 400 | Xciting 400i | '09 | - | - | YTX12-BS | - |
| 300 | Downtown 300 | '13 | - | - | YT12A-BS | - |
| | People GT | '16 | - | - | YT12A-BS | - |
| 250 | People 250 | '09-'11 | - | - | YTX12-BS | - |
| | Xciting 250i | '10-'11 | - | - | YTX12-BS | - |
| 200 | People S 200 | '11 | - | - | YTX7A-BS | - |
| | People GT | '13 | - | - | YT12A-BS | - |
| 150 | People S 150 | '09-'13 | - | - | YTX7A-BS | - |
| | Super 8 150 | '09-'16 | - | - | YTX7A-BS | - |
| 125 | People S 125 | '09-'10 | - | - | YTX7A-BS | - |
| | Agility 125 | '16 | - | YTZ7S | YTX5L-BS | - |
| 50 | Super 8 | '09-'16 | - | - | YTX7A-BS | - |
| | Super 9 | '09-'10 | - | YTZ7S | YTX5L-BS | - |
| | People | '09-'13 | - | YTZ7S | YTX5L-BS | - |
| | People S 50 | '09-'10 | - | - | YTX7A-BS | - |
| | Agility 50 | '09-'16 | - | YTZ7S | YTX5L-BS | - |

PIAGGIO

| | | | | | | |
|-----|---------------------|---------|--------|-----------|----------|-------|
| 500 | MP3 500 / Sport ABS | '08-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | BV500 | '08-'13 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 460 | X9 | '09 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 400 | MP3 400 | '08-'13 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 350 | BV350 ABS | '13-'16 | - | - | YTX12-BS | - |
| 250 | MP3 250 | '08-'13 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | BV250 | '08-'11 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 150 | FLY150 | '09-'16 | - | - | - | YB9-B |
| 50 | FLY 50 | '09-'16 | - | - | - | YB9-B |
| | Typhoon | '09-'16 | - | - | - | YB9-B |

PIAGGIO - GILERA

| | | | | | | |
|-----|-------------|---------|--------|------------|----------|------------|
| 500 | Fuoco 500ie | '10-'13 | - | YTX20CH-BS | YTX16-BS | - |
| | Nexus 500ie | '10 | - | YTX14HL-BS | - | SYB14L-A2† |
| 300 | Nexus 300ie | '10-'11 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 200 | Runner 200 | '10-'12 | - | - | YTX12-BS | - |
| 125 | Runner 125 | '10-'12 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 50 | SP50 | '10-'13 | - | - | - | YB4L-B |

† This battery includes a sensor

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|----|-------|------|----------------|----------------------|-----|-------------------------|
|----|-------|------|----------------|----------------------|-----|-------------------------|

PIAGGIO - VESPA

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|-----|----------------|---------|--------|-----------|----------|----------|
| 946 | Vespa 946 | '13-'16 | - | - | YTX12-BS | - |
| 300 | GTS300, GTV300 | '10-'16 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 250 | GTS250, GTV250 | '10 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 150 | LX150 | '07 | - | - | - | YB9-B |
| | LX150 4T | '16 | - | - | - | YTX12-BS |
| 50 | LX50 | '10-'16 | - | - | - | YB9-B |

SYM

| | | | | | | |
|-----|-------------|---------|---|----------|----------|---|
| 250 | RV250 | '10-'12 | - | - | YTX12-BS | - |
| 200 | HD200 | '10-'13 | - | - | YTX9-BS | - |
| 125 | HD125 | '10-'11 | - | - | YTX9-BS | - |
| | Fiddlel1125 | '10-'11 | - | - | YTX7A-BS | - |
| 50 | Fiddlel150 | '10-'12 | - | - | YTX7A-BS | - |
| | SYMply50 | '10-'11 | - | - | YTX7A-BS | - |
| | MIO 50 | '10-'13 | - | - | YTX7A-BS | - |
| | JetEuro 50 | '10-'12 | - | YTZ7S | YTX5L-BS | - |
| | RSS0 | '10 | - | YTZ5S-BS | YTX4L-BS | - |

SUZUKI

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|-----|----------------|---------|--------|-----------|----------|----------|
| 650 | AN650 Burgman | '03-'17 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 400 | AN400 Burgman | '03-'19 | - | - | YTX9 | - |
| 200 | UH200A Burgman | '14-'19 | - | - | YTX9-BS | - |
| 50 | F50, F50R | '71 | - | - | - | 6N4-2A |
| | FA50 Shuttle | '80-'91 | - | - | - | 6N2-2A-4 |
| | FSS0, FZ50 | '79-'83 | - | - | - | 6N4-2A |

YAMAHA

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|-----|--------------------|---------|---|----------|----------|------------|
| 530 | T-MAX XP500F | '13-'16 | - | YTZ12S | - | - |
| 500 | T-MAX XP500 | '09-'13 | - | YTZ10S | - | - |
| 400 | YP400 Majesty | '04-'14 | - | - | YT9B-BS | - |
| 300 | Xmax | '18 | - | YTZ8V | - | - |
| 250 | Morphous | '06-'08 | - | YTZ10S | - | - |
| | Maxam | '13 | - | YTZ10S | - | - |
| 200 | XC200 Riva | '87-'91 | - | - | - | YB10L-B2 |
| 180 | XC180 Riva | '83-'85 | - | - | - | YB10L-B |
| 155 | Smax | '15-'19 | - | - | YT7B-BS | - |
| 125 | XC125 Riva | '85-'01 | - | - | - | YB7C-A |
| | YJ125T Vino 125 | '04-'09 | - | - | YTX7A-BS | - |
| | Zuma 125 | '09-'19 | - | - | YT7B-BS | - |
| 80 | CV80 Riva | '83-'87 | - | - | - | 6YB11-2D * |
| 50 | CE50 Riva Jog | '86-'87 | - | - | - | YB4L-B |
| | CG50 Riva | '88-'91 | - | - | - | YB4L-B |
| | GW50 Zuma | '89-'90 | - | - | - | YB4L-B |
| | GW50 Zuma II | '97-'01 | - | - | - | YB4L-B |
| | CV50 Riva Jog | '92-'01 | - | YTZ5S-BS | YTX4L-BS | - |
| | SH50 Riva Razz | '87-'01 | - | - | - | YB4L-B |
| | XC50 Vino, Classic | '01-'18 | - | YTZ7S | YTX5L-BS | - |
| | XF50W (C3) | '07-'13 | - | YTZ7S | YTX5L-BS | - |
| | YW50A, F, FX Zuma | '02-'19 | - | YTZ7S | YTX5L-BS | - |
| | VOX | '13 | - | YTZ7S | YTX5L-BS | - |
| | JOG, ZR | '13 | - | YTZ7S | YTX5L-BS | - |

* See Battery Cross Reference Chart on page 17

SCOOTER

ATV

ATV (ALL TERRAIN VEHICLE) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|---------------------|--------------------|------|----------------|----------------------|----------|-------------------------|
| AEON (BENZA) | | | | | | |
| 100 | Cobra/CX-Sport 100 | All | - | - | YTX4L-BS | - |
| 90 | Cobra/CX-Sport 90 | All | - | - | YTX4L-BS | - |
| 50 | Cobra/CX-Sport 50 | All | - | - | YTX4L-BS | - |

ARCTIC CAT

| | | | | | | |
|------|------------|---------|--------|-----------|----------|---|
| 1000 | Thundercat | '08-'10 | GYZ20H | YTX20H-BS | YTX20-BS | - |
|------|------------|---------|--------|-----------|----------|---|

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|---------------------------------|---------|----------------|----------------------|-----------|-------------------------|
| | Mudpro 1000H, TRV, 1000i GT, XT | '10-'17 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| 700 | FIS | '06-'08 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| | Diesel | '07-'15 | - | YTX24HL-BS | - | - |
| | TRV, Mudpro, LTD, TBX | '09-'19 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| | Altterra | '16-'20 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| | XT, TRV, CORE | '13-'17 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| 650 | 4x4 Automatic V2 | '04-'06 | - | - | YTX14H-BS | YB14-A2 |
| | 4x4 Automatic | '10 | GYZ20H | YTX20H-BS | YTX20-BS | - |

ATV (ALL TERRAIN VEHICLE) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|------------------------------------|---------|----------------|----------------------|-----------|-------------------------|----|--------------------|---------|----------------|----------------------|----------|-------------------------|
| | TRV | '09 | - | YTX14AH-BS | - | YB14-A2 | 70 | Viper 70 | '13 | - | YTZ7S | YTX5L-BS | - |
| | 650H1, TBX650 | '06-'09 | - | YTX14AH-BS | - | YB14-A2 | 50 | All models | '04-'05 | - | YTZ7S | YTX5L-BS | - |
| | Mudpro | '10-'12 | GYZ20H | YTX20H-BS | YTX20-BS | - | | AXL, TXL, NXL, RXL | '99-'03 | - | YTZ5S-BS | YTX4L-BS | - |
| | 650, H1 | '11-'12 | GYZ20H | YTX20H-BS | YTX20-BS | - | | | | | | | |
| 545 | Alterra 550, TRV, LTD, S, XT, CORE | '10-'17 | GYZ20H | YTX20H-BS | YTX20-BS | - | | | | | | | |
| | Alterra 570 | '19-'20 | GYZ20H | YTX20H-BS | - | - | | | | | | | |
| 500 | All Other Models | '09 | - | YTX14AH-BS | - | YB14-A2 | | | | | | | |
| | ATV 500 | '13-'17 | GYZ20H | YTX20H-BS | YTX20-BS | - | | | | | | | |
| | Alterra | '16 | GYZ20H | YTX20H-BS | YTX20-BS | - | | | | | | | |
| | Alterra | '17-'18 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | | | | | | |
| | TRV | '13-'20 | GYZ20H | YTX20H-BS | YTX20-BS | - | | | | | | | |
| 450 | XC450 | '11-'17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | | | | | | |
| | ATV 450 | '10-'12 | GYZ20H | YTX20H-BS | YTX20-BS | - | | | | | | | |
| | ATV 450, Alterra | '13-'16 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | | | | | | |
| | TRV | '11-'12 | GYZ20H | YTX20H-BS | YTX20-BS | - | | | | | | | |
| | TRV, CORE | '13-'17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | | | | | | |
| 400 | All Models | All | - | YTX14AH-BS | - | YB14-A2 | | | | | | | |
| | DVX 400 | All | - | - | YTX9-BS | - | | | | | | | |
| | Alterra, TRV, CORE | '17 | - | YTX14AH-BS | - | YB14-A2 | | | | | | | |
| 366 | 366 | '08-'11 | - | YTX14AH-BS | - | YB14-A2 | | | | | | | |
| 300 | DVX300, Utility | '09-'16 | - | - | YTX12-BS | - | | | | | | | |
| | Alterra | '17-'20 | - | - | YTX12-BS | - | | | | | | | |
| | ATV 300, 4x4, 2x4 | '98-'05 | - | YTX14AHL-BS | - | SYB14L-A2† | | | | | | | |
| 250 | All Models | '05 | - | YTX14AHL-BS | - | SYB14L-A2† | | | | | | | |
| | DVX250, 2x4 | '06-'10 | - | - | YTX12-BS | - | | | | | | | |
| 150 | 150 Utility, Alterra | '09-'19 | - | - | YTX9-BS | - | | | | | | | |
| 90 | ATV 90, Y-12 Youth, 2-Stroke | '02-'04 | - | YTZ5S-BS | YTX4L-BS | - | | | | | | | |
| | ATV 90, Y-12 Youth, 4-Stroke | '04-'05 | - | YTZ7S | YTX5L-BS | - | | | | | | | |
| | DVX90, Utility | '06-'19 | - | YTZ7S | YTX5L-BS | - | | | | | | | |
| | Alterra 90 | '17-'20 | - | YTZ7S | YTX5L-BS | - | | | | | | | |
| 50 | DVX50, Utility | '06-'08 | - | YTZ7S | YTX5L-BS | - | | | | | | | |
| | ATV50 Y-6 Youth | '04-'05 | - | YTZ5S-BS | YTX4L-BS | - | | | | | | | |

HONDA

| | | | | | | | |
|-----|---------------------------------|---------|---------|------------|-----------|----------|---|
| 700 | TRX700XX | '08-'13 | - | - | - | YTX9-BS | - |
| 680 | TRX680FA FourTrax Rincon | '06-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | |
| 650 | TRX650 FourTrax Rincon (Std.) | '03-'05 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| 520 | TRX520 | '20 | - | - | - | - | |
| 500 | TRX500FA FourTrax Rubicon | '01-'14 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX500FA | '15-'19 | GYZ16H | - | - | - | |
| | TRX500FE, FM, TM Trax Foreman | '05-'11 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | FourTrax Foreman ES, 4x4 | '05-'09 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX500FE, FPE, FM, FPM | '11-'19 | GYZ16H | - | - | - | |
| 450 | TRX450 FourTrax Foreman S, ES | '98-'04 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX450ER, TRX450R | '06-'13 | - | YTZ7S | YTX5L-BS | - | |
| 420 | TRX420 FourTrax Rancher 4x4 | '13 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX420 FourTrax Rancher 4x4 | '14-'19 | GYZ16H | - | - | - | |
| | TRX420 FourTrax Rancher 2x4 | '20 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| 400 | FL400R Pilot | '89-'90 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX400 Rancher AT | '04-'06 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX400X, EX, FourTrax, Sportrax | '99-'13 | - | - | YTX9-BS | - | |
| | TRX400FW Foreman | '95-'03 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| 350 | FL350R Odyssey | '85 | - | - | YTX12-BS | - | |
| | TRX350 Rancher | '00-'06 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX350, D FourTrax 4x4 | '86-'89 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| 300 | TRX300 FourTrax | '88-'00 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| | TRX300X, EX | '93-'12 | - | - | YTX9-BS | - | |
| | TRX300FW FourTrax 4x4 | '88-'00 | GYZ16H | YTX14H-BS | YTX14-BS | - | |
| 250 | ATC250ES Big Red | '85-'87 | - | - | YTX12-BS | - | |
| | ATC250SX | '85-'87 | - | - | YTX12-BS | - | |
| | TRX250X, EX | '01-'20 | - | - | YTX9-BS | - | |
| | TRX250 FourTrax | '85-'87 | - | - | YTX12-BS | - | |
| | TRX250 TE, TM, FourTrax Recon | '97-'20 | - | - | YTX12-BS | - | |
| | TRX250 Recon, ES | '97-'03 | - | - | YTX12-BS | - | |
| 200 | ATC200 Big Red | '82-'84 | - | YTX14H-BS | - | YB14A-A2 | |
| | ATC200M | '84-'85 | - | YTX14AH-BS | - | YB14A-A2 | |
| | TRX200 FourTrax | '90-'97 | - | - | YTX12-BS | - | |
| | TRX200 FourTrax | '84 | - | YTX14AH-BS | - | YB14A-A2 | |
| | TRX200SX FourTrax | '86-'88 | - | - | YTX12-BS | - | |
| 125 | ATC125M | '86-'87 | - | - | YTX12-BS | - | |
| | ATC125M | '84-'85 | - | - | - | YB9A-A | |
| | TRX125 FourTrax | '87-'88 | - | - | YTX9-BS | - | |
| | TRX125 FourTrax | '85-'86 | - | - | - | YB9A-A | |
| 90 | TRX90X, EX | '06-'20 | - | YTZ7S | YTX5L-BS | - | |

HYOSUNG

| | | | | | | |
|-----|--------|-----|---|---|---------|---|
| 450 | TE450S | '13 | - | - | YTX9-BS | - |
|-----|--------|-----|---|---|---------|---|

JOHN DEERE

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|--|------------|-----|---|---------------|---|----------|
| | All Models | All | - | YTX20HL-BS-PW | - | YB16CL-B |
|--|------------|-----|---|---------------|---|----------|

KASEA

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|-----|--------------------------------|-----|---|----------|----------|---|
| 250 | Skyhawk 250 | All | - | - | YTX7A-BS | - |
| 170 | Skyhawk 170 | All | - | - | YTX7A-BS | - |
| 150 | Skyhawk 150, Adventure Buggy | All | - | - | YTX7A-BS | - |
| 125 | KS, KU Models, Adventure Buggy | All | - | - | YTX7A-BS | - |
| 90 | KS, KU Models | All | - | - | YTX7A-BS | - |
| | Skyhawk 90 | All | - | YTZ7S | YTX5L-BS | - |
| 65 | KS, KU Models | All | - | - | YTX7A-BS | - |
| 50 | Mini Skyhawk | All | - | YTZ5S-BS | YTX4L-BS | - |
| | Skyhawk 50 | All | - | YTZ7S | YTX5L-BS | - |

KAWASAKI

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|-----|---------------------------------|---------|--------|-------|-----------------------|---|
| 750 | KVF750 Brute Force, EPS | '05-'20 | GYZ16H | - | KMX14-BS ^K | - |
| 700 | KF700 | '03-'10 | GYZ16H | - | KMX14-BS ^K | - |
| | KVF700-A, B, D Prairie 700, 4x4 | '04-'06 | GYZ16H | - | KMX14-BS ^K | - |
| 650 | KVF650 Brute Force | '02-'13 | GYZ16H | - | KMX14-BS ^K | - |
| 450 | KFX450R | '08-'14 | - | YTZ8V | YTX7L-BS | - |

BRP (Can-Am)

| | | | | | | |
|------|-----------------------------------|---------|---------|--------------------------|----------------------|---------------|
| 1000 | Outlander 1000, Renegade, 6x6 | '12-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 850 | Outlander, Renegade | '16-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 800 | Outlander 800 EFI, MAX, Renegade | '06-'19 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 650 | DS650 | '00-'07 | - | - | YTX15L-BS | - |
| | Quest | '02-'05 | - | YTX20HL-BS-PW | - | YB16CL-B |
| | Quest (Opt) | '02-'05 | - | YTX24HL-BS ^{FA} | - | Y50-N18L-A-CX |
| | Outlander | '06-'12 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Outlander, 6x6 | '13-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 570 | Outlander, Renegade | '16-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 500 | Traxter (All Models), Quest | '99-'05 | - | YTX20HL-BS-PW | - | YB16CL-B |
| | Traxter (All Models), Quest (Opt) | '02-'05 | - | YTX24HL-BS ^{FA} | - | Y50-N18L-A-CX |
| | Outlander, MAX, Renegade | '07-'15 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 450 | DS450 | '08-'15 | - | - | YTX7B-BS | - |
| | Outlander | '16-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 400 | Outlander 400 | '03-'04 | - | - | YTX15L-BS | - |
| | Outlander 400, XT, MAX | '04-'15 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 330 | Outlander 330 | '04-'05 | - | - | YTX15L-BS | - |
| 250 | DS250 | '06-'19 | - | - | YTX12-BS | - |
| 200 | Rally | '02-'06 | - | YTX14AH-BS | - | YB14A-A2 |
| 90 | DS90, DS90F, Quest | '02-'19 | - | YTZ5S-BS | YTX4L-BS | - |
| 70 | DS70 | '08-'19 | - | YTZ5S-BS | YTX4L-BS | - |
| 50 | DS50, Quest | '02-'06 | - | YTZ5S-BS | YTX4L-BS | - |

CF MOTO

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|-----|------------|---------|---------|------------|-----------|---|
| 800 | Cforce 800 | '12-'19 | GYZ32HL | YX30L-BS | - | - |
| 600 | Cforce 600 | '19 | GYZ32HL | YX30L-BS | - | - |
| 500 | Cforce 500 | '16-'19 | GYZ32HL | YX30L-BS | - | - |
| | Cforce 500 | '07-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 400 | Cforce 400 | '16-'19 | GYZ32HL | YX30L-BS | - | - |

E-TON

| | | | | | | |
|-----|--------------------|---------|---|----------|----------|---|
| 250 | Vector250 | '13 | - | - | YTX12-BS | - |
| 150 | CXL150 Yukon II | '00-'13 | - | - | YTX9-BS | - |
| | YXL150 Yukon | '00-'03 | - | - | YTX9-BS | - |
| | Viper150R | '13 | - | - | YTX9-BS | - |
| 90 | All models | '04-'13 | - | YTZ7S | YTX5L-BS | - |
| | AXL, TXL, NXL, RXL | '99-'03 | - | YTZ5S-BS | YTX4L-BS | - |
| | DXL90 Sierra | '99-'03 | - | YTZ5S-BS | YTX4L-BS | - |

^{FA} Must use factory activated battery
^{FA} Top and front terminal mounts only

^K Available at Kawasaki dealers only
[†] This battery includes a sensor

ATV (ALL TERRAIN VEHICLE) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|--------------------------------|--------------------------------|---------|----------------|-----------------------|-----------------------|-------------------------|--|-------------------------------|---------|----------------|-----------------------|-----------|-------------------------|
| 400 | 4x4 Advantage Classic | '02-'03 | GYZ16H | - | KMX14-BS ^K | - | 700 | Sportsman, Military | '02-'08 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | KLF400-B Bayou 400 4x4 | '93-'00 | - | YTX20HL-BS-PW | - | YB16CL-B | | Sportsman | '10 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | KSF400-A (KFX400) | '03-'06 | - | - | YTX9-BS | - | 600 | Sportsman | '04-'05 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | KVF400-A Prairie 400 4x4 | '97-'00 | - | YTX14AH-BS | - | YB14A-A2 | 570 | Sportsman | '14-'19 | - | YTX14AH-BS | - | YB14A-A2 |
| | KVF400-A Prairie 400 4x4 (CN) | '97-'00 | - | YTX20HL-BS-PW | - | YB16CL-B | | ACE, ACE SP | '15-'19 | - | YTX14AH-BS | - | YB14A-A2 |
| | KVF400-B Prairie 400 4x4 | '98-'00 | - | YTX14AH-BS | - | YB14A-A2 | 550 | Sportsman Touring, XP, X2 | '09 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | KVF400-B Prairie 400 4x4 (CN) | '98-'00 | - | YTX20HL-BS-PW | - | YB16CL-B | | Sportsman Touring, X2 | '10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | KVF400-C Prairie 400, 4x4 | '99-'02 | - | YTX14AH-BS | - | YB14A-A2 | | Sportsman XP | '10 | - | YTX14AH ^{FA} | - | - |
| | KVF400-C Prairie 400, 4x4 (CN) | '99-'02 | GYZ16H | - | KMX14-BS ^K | - | | Sportsman EPS, X2, Touring | '10-'14 | - | YTX14AH ^{FA} | - | - |
| | KVF400-D Prairie 400, 4x4 | '99-'02 | - | YTX14AH-BS | - | YB14A-A2 | 525 | Outlaw 525 | '08-'12 | - | - | YTX9-BS | - |
| KVF400-D Prairie 400, 4x4 (CN) | '99-'01 | GYZ16H | - | KMX14-BS ^K | - | | All Models (Excl. Predator, Sportsman) | '99-'12 | - | YTX14AH-BS | - | YB14A-A2 | |
| 360 | KVF360 Prairie | '13 | - | YTX14AH-BS | - | YB14A-A2 | 500 | Sportsman HO | '96-'13 | - | YTX14AH-BS | - | YB14A-A2 |
| 300 | KEF300-A Lakota | '95-'00 | - | YTX14AH-BS | - | YB14A-A2 | | Sportsman EFI | '06 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | KEF300-A Lakota Sport | '01-'03 | - | YTX14AH-BS | - | YB14A-A2 | | Sportsman EFI | '07-'10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | KEF300-B Lakota Sport | '01-'03 | - | YTX14AH-BS | - | YB14A-A2 | | Predator, Outlaw | '03-'06 | - | - | YTX9-BS | - |
| | KLF300-A Bayou | '86-'87 | - | YTX20HL-BS-PW | - | YB16CL-B | | ACE 500 SOHC | '18-'19 | - | YTX14AH-BS | - | YB14A-A2 |
| | KLF300-B Bayou | '88-'04 | - | YTX14AH-BS | - | YB14A-A2 | | ACE500 SOHC (opt) | '18-'19 | GYZ32HL | - | - | - |
| | KLF300-B Bayou (CN) | '92-'99 | - | YTX20HL-BS-PW | - | YB16CL-B | 450 | Sportsman HO, HD 2X4 | '16-'19 | - | YTX14AH-BS | - | YB14A-A2 |
| | KLF300-C Bayou 300 4x4 | '89-'04 | - | YTX14AH-BS | - | YB14A-A2 | | Diesel .445 Litre (primary) | '99-'03 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | KLF300-C Bayou 300 4x4 (CN) | '92-'05 | - | YTX20HL-BS-PW | - | YB16CL-B | | Diesel .445 Litre (secondary) | '99-'03 | - | YTX14AH-BS | - | YB14A-A2 |
| | KVF300-A Prairie 300, 4x4 | '99-'02 | - | YTX14AH-BS | - | YB14A-A2 | | Outlaw 450 | '07-'10 | - | - | YTX9-BS | - |
| | KVF300-A Prairie 300, 4x4 (CN) | '99-'01 | - | YTX20HL-BS-PW | - | YB16CL-B | 425 | All Models | '95-'02 | - | YTX14AH-BS | - | YB14A-A2 |
| | KVF300-B Prairie 300, 4x4 | '99-'02 | - | YTX14AH-BS | - | YB14A-A2 | 400 | All Models | '94-'14 | - | YTX14AH-BS | - | YB14A-A2 |
| | KVF300-B Prairie 300, 4x4 (CN) | '99-'02 | - | YTX20HL-BS-PW | - | YB16CL-B | 335 | Sportsman | '98-'01 | - | YTX14AH-BS | - | YB14A-A2 |
| | KVF300-Brute Force | '13-'20 | - | - | YTX12-BS | - | 330 | Magnum, Trail | '03-'13 | - | YTX14AH-BS | - | YB14A-A2 |
| 250 | KLF250-A Bayou | '03-'12 | - | - | - | YB10A-A2 | 325 | ACE | '14-'16 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | KLF250-A Bayou (CN) | '03-'05 | - | YTX14AH-BS | - | YB14A-A2 | | All Models | '87-'02 | - | YTX14AH-BS | - | YB14A-A2 |
| | KLT250-A | '82-'83 | - | - | - | YB12A-A | 300 | Hawkeye, Sportsman 300 | '06-'10 | - | YTX14AH-BS | - | YB14-B2 |
| | KLT250-C Prairie | '83 | - | - | - | YB12A-A | 250 | All models | '85-'05 | - | YTX14AH-BS | - | YB14A-A2 |
| | KLT250-C Prairie | '84-'85 | - | - | - | YB10L-B | 200 | Phoenix, Sawtooth | '05-'19 | - | - | YTX12-BS | - |
| 220 | KLF220-A Bayou | '88-'02 | - | - | - | YB10A-A2 | 150 | ACE EFI | '19 | - | - | YTX9-BS | - |
| | KLF220-A Bayou (CN) | '92-'02 | - | YTX14AH-BS | - | YB14A-A2 | | ATV Ranger | '18-'19 | - | - | YTX9-BS | - |
| 200 | KLT200-A, C | '81-'84 | - | - | - | YB10L-B | 110 | Outlaw | '16-'19 | - | YTZ7S | YTX5L-BS | - |
| | KLT200-B, C | '83 | - | - | - | YB12A-A | | Sportsman | '16-'19 | - | YTZ7S | YTX5L-BS | - |
| 185 | KLF185-A Bayou | '85-'88 | - | - | - | YB10L-B | 90 | Predator, Sportsman, Outlaw | '03-'14 | - | YTZ7S | YTX5L-BS | - |
| 110 | KLF110-B Mojave | '87-'88 | - | - | - | YB9L-A2 | 90 | Scrambler, Sportsman | '01-'02 | - | YTZ5S-BS | YTX4L-BS | - |
| 90 | KFX90 | '07-'20 | - | YTZ7S | YTX5L-BS | - | 50 | Outlaw, Predator (-'07) | '04-'19 | - | YTZ7S | YTX5L-BS | - |
| 80 | KSF80-A (KFX80) | '03-'05 | - | YTZ7S | YTX5L-BS | - | | Scrambler | '01-'02 | - | YTZ5S-BS | YTX4L-BS | - |
| 50 | KFX50 | '07-'20 | - | YTZ7S | YTX5L-BS | - | | Scrambler | '03 | - | YTZ7S | YTX5L-BS | - |

KTM

| | | | | | | |
|-----|--------|---------|---|-------|----------|---|
| 525 | XC ATV | '10-'13 | - | YTZ7S | YTX5L-BS | - |
| 505 | SX ATV | '08-'13 | - | YTZ7S | YTX5L-BS | - |
| | XC ATV | '08-'09 | - | YTZ7S | YTX5L-BS | - |
| 450 | SX ATV | '08-'12 | - | YTZ7S | YTX5L-BS | - |
| | XC ATV | '08-'12 | - | YTZ7S | YTX5L-BS | - |

KYMCO

| | | | | | | |
|-----|---------------------|-----|---------|------------|-----------|---|
| 700 | MXU700 | '17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 500 | MXU500 | '17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 450 | Maxxer 450, MXU 450 | '17 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 300 | MXU300SD | All | - | - | YTX12-BS | - |
| | Mongoose300 | All | - | - | YTX12-BS | - |
| 250 | Mongoose, MXU | All | - | - | YTX12-BS | - |
| 150 | MXU150 | All | - | - | YTX9-BS | - |
| 90 | Mongoose 90 | All | - | YTZ7S | YTX5L-BS | - |
| 50 | Mongoose 50 | All | - | YTZ7S | YTX5L-BS | - |

POLARIS

| | | | | | | |
|------|-------------------------------------|---------|----------------------|-----------------------|-----------|---------|
| 1000 | Sportsman XP 48, 55 | '19-'20 | GYZ32HL [*] | YX30L-BS | - | - |
| | Sportsman XP, Touring XP, HL ('16) | '16-'19 | GYZ20HL [*] | YX20HL ^{FA} | - | - |
| | Sportsman XP, Touring XP | '15 | GYZ20HL [*] | YTX20HL ^{FA} | - | - |
| | Scrambler XP (55") | '20 | GYZ32HL [*] | YX30L ^{FA} | - | - |
| | Scrambler | '16-'19 | GYZ20HL [*] | YX20HL ^{FA} | - | - |
| | Scrambler | '14-'15 | GYZ20HL [*] | YTX20HL ^{FA} | - | - |
| 900 | ACE SP | '16-'19 | GYZ32HL [*] | YX30L-BS | - | YB30L-B |
| 850 | Sportsman (opt.), WV(std.) | '09-'18 | - | YX30L ^{FA} | - | - |
| | Sportsman, SP, Touring XP, HL ('16) | '10-'18 | GYZ20HL [*] | YX20HL ^{FA} | - | - |
| | Scrambler 48, Sportsman 48 | '19 | GYZ32HL [*] | YX30L ^{FA} | - | - |
| | Scrambler | '16-'18 | GYZ20HL [*] | YX20HL | - | - |
| | Scrambler | '13-'15 | GYZ20HL [*] | YTX20HL ^{FA} | - | - |
| 800 | Sportsman | '05-'10 | GYZ32HL | YX30L-BS | - | - |
| | Sportsman | '11-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Sportsman 6x6 | '14 | - | YX30L ^{FA} | - | - |

QIANJIANG

| | | | | | | |
|-----|--------|-----|---|----------|----------|---|
| 100 | ATV100 | All | - | YTZ5S-BS | YTX4L-BS | - |
| 50 | ATV50 | All | - | YTZ5S-BS | YTX4L-BS | - |

SUZUKI

| | | | | | | |
|-----|--------------------------------|---------|--------|----------------------|------------|------------|
| 750 | LT-A750X King Quad | '07-'18 | - | YTX20CH-BS | - | - |
| 700 | LT-A700X King Quad | '05-'07 | - | YTX20CH-BS | - | - |
| | LT-V700F Twin Peaks | '04-'05 | GYZ16H | YTX14H ^{FA} | YTX14-BS | - |
| 500 | LT-A500F QuadMaster | '00-'01 | - | - | YTX16-BS-1 | - |
| | LT-A500F Vinson 4WD | '04-'07 | - | YTX20CH-BS | - | - |
| | LT-A500F Vinson 4WD | '02-'03 | - | YTX20CH-BS | YTX16-BS | - |
| | LT-F500F Vinson Manual 4WD | '04-'07 | - | YTX20CH-BS | - | - |
| | LT-F500F Vinson Manual 4WD | '03 | - | YTX20CH-BS | YTX16-BS | - |
| | LT-A500X King Quad | '11-'18 | - | YTX20CH-BS | - | - |
| 450 | LT-A450 King Quad | '07-'11 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | LT-R450 QuadRacer | '06-'11 | - | - | YTX7A-BS | - |
| 400 | LT-A400 Eiger 2WD, F Eiger 4WD | '02-'07 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | LT-F400 Eiger 2WD, F Eiger 4WD | '02-'07 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | LT-Z400 QuadSport | '03-'16 | - | - | YTX9-BS | - |
| | LT-A400F, F400F King Quad | '10-'18 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| 300 | LT-F4WDX KingQuad | '99-'02 | - | YTX14AH-BS | - | - |
| | LT-F4WDX KingQuad (Opt) | '99-'02 | - | - | - | Y50-N18A-A |
| | LT300E QuadRunner 300E | '87-'89 | - | YTX14AH-BS | - | YB14A-A2 |
| | LT-F300F KingQuad | '99-'02 | - | YTX14AH-BS | - | YB14A-A2 |
| | LT-F300F KingQuad (CN, Opt) | '99-'02 | - | - | - | Y50-N18A-A |
| 280 | LT-F4WDX KingQuad | '91-'99 | - | YTX14AH-BS | - | YB14A-A2 |
| | LT-F4WDX KingQuad (CN, Opt) | '91-'99 | - | - | - | Y50-N18A-A |
| 250 | LT250EF QuadRunner | '85-'86 | - | - | - | Y50-N18A-A |
| | LT-4WD QuadRunner | '87-'99 | - | YTX14AH-BS | - | YB14A-A2 |
| | LT-4WD QuadRunner (Opt) | '87-'99 | - | - | - | Y50-N18A-A |
| | LT-F250 QuadRunner | '88-'01 | - | YTX14AH-BS | - | YB14A-A2 |
| | LT-F250 QuadRunner (Opt) | '88-'01 | - | - | - | Y50-N18A-A |
| | LT-F250, Ozark | '02-'16 | - | - | YTX12-BS | - |

^K Available at Kawasaki dealers only
^{*} See Battery Cross Reference Chart on page 17

^{FA} Must use Factory Activated battery

ATV (ALL TERRAIN VEHICLE) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|-------------------------------|---------|----------------|----------------------|----------|-------------------------|---------------------------|--------------------------|---------|----------------|----------------------|----------|-------------------------|
| | LT-F250F QuadRunner | '99-'02 | - | YTX14AH-BS | - | YB14A-A2 | | YFM40FW Kodiak | '93-'95 | - | YTX14AH-BS | - | YB14A-A1 |
| | LT-F250F QuadRunner (CN, Opt) | '99-'02 | - | - | - | Y50-N18A-A | | YFM40FW Kodiak/Automatic | '03-'06 | - | YTX14AH-BS | - | - |
| | LT-Z250 QuadSport | '04-'11 | - | - | YTX9-BS | - | YFM40FW Kodiak/Automatic | '96-'02 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | - |
| 230 | LT230E QuadRunner | '87 | Not available | - | - | - | YFM40FVN Big Bear | '00-'03 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | - |
| | LT230E QuadRunner | '88-'93 | - | - | YTX12-BS | - | 350 YFM35B Bruin | '04-'06 | - | YTX14AH-BS | - | - | - |
| | LT230GE QuadRunner | '85-'86 | - | - | - | YB10A-A2 | YFM35ER Moto 4 | '87-'95 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | LT-F230 QuadRunner | '86-'87 | - | - | - | YB10A-A2 | YFM35F U Big Bear | '87-'99 | - | YTX14AH-BS | - | YB14A-A1 | - |
| 160 | LT160 E QuadRunner | '89-'94 | - | - | - | YB9A-A | YFM35FX Wolverine | '95-'05 | - | - | - | YB12C-A | - |
| | LT160 E QuadRunner | '03-'04 | - | - | - | YB9A-A | YFM35FX Wolverine | '06-'09 | - | YTX14AH-BS | - | - | - |
| | LT-F160 QuadRunner | '91-'01 | - | - | - | YB9A-A | YFM35FG Grizzly | '07-'14 | - | YTX14AH-BS | - | - | - |
| 90 | LT-Z90 QuadSport | '07-'09 | - | - | YTX7A-BS | - | YFM35R Raptor | '04-'13 | - | YTX14AH-BS | - | - | - |
| | LT-Z90 QuadSport | '14-'18 | - | - | YTX7A-BS | - | YFM35U Big Bear | '87-'99 | - | YTX14AH-BS | - | YB14A-A1 | - |
| 80 | LT80 QuadSport 80 | '87-'06 | - | YTX7S | YTX5L-BS | - | YFM35X Warrior | '87-'04 | - | - | - | YB12C-A | - |
| 50 | LT-Z50 QuadSport | '06-'11 | - | YTX7S | YTX5L-BS | - | YFP35 TerraPro | '88 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | | | | | | | 300 Grizzly 300 Automatic | '12-'13 | - | - | YTX12-BS | - | - |
| | | | | | | | 250 YFB250, F Timber Wolf | '92-'00 | - | - | - | - | YB12C-A |
| | | | | | | | YFM25 Bear Tracker | '99-'04 | - | YTX14AH-BS | - | YB14A-A2 | - |
| | | | | | | | YFM250 Moto 4 | '89-'91 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | | | | | | | YFM25B Big Bear | '07-'09 | - | YTX14AH-BS | - | YB14A-A2 | - |
| | | | | | | | YFM25B Bruin | '05-'06 | - | YTX14AH-BS | - | YB14A-A2 | - |
| | | | | | | | YFM25R Raptor, R | '08-'13 | - | YTX7S | YTX5L-BS | - | - |
| | | | | | | | 230 YFU-1/T Pro-Hauler | '89 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | | | | | | | 225 YFM225 Moto 4 | '86-'88 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | | | | | | | YTM225DR, DX Tri-Moto | '83-'86 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | | | | | | | 200 YFM200, DX Moto 4 | '85-'89 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | | | | | | | YTM200, E, ER Tri Moto | '83-'85 | - | YTX14AH-BS | - | YB14A-A1 | - |
| | | | | | | | 125 YFA-1 Breeze | '89-'04 | - | - | - | YB12C-A | - |
| | | | | | | | YFM125S, Grizzly | '04-'13 | - | - | - | YB12C-A | - |
| | | | | | | | YFM125R, Raptor | '11-'13 | - | YTX7S | YTX5L-BS | - | - |
| | | | | | | | 100 YFM100 Champ | '87-'90 | - | - | - | 12N7-3B | - |
| | | | | | | | YFM100 Champ | '91 | - | - | - | 12N7D-3D | - |
| | | | | | | | 90 YFM90R Raptor | '09-'18 | - | YTX7S | YTX5L-BS | - | - |
| | | | | | | | 80 YFM80 Badger | '85-'01 | - | - | - | 12N7-3B | - |
| | | | | | | | YFM80 Grizzly | '05-'08 | - | - | - | 12N7-3B | - |
| | | | | | | | YFM80R Raptor | '02-'08 | - | - | - | 12N7-3B | - |
| | | | | | | | 50 YFM50 Raptor | '04-'08 | - | - | - | 12N7-3B | - |
| | | | | | | | YFZ50 | '17-'19 | - | YTX7S | YTX5L-BS | - | - |

YAMAHA

| | | | | | | |
|-----|--------------------------------------|---------|---------|------------|-----------|---|
| 700 | YFM7FG Grizzly | '07-'13 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM700DE, DH, PE, PF, PH, PS Grizzly | '14-'15 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM70 Grizzly | '16-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Raptor 700, R, R SE | '06-'20 | - | - | YTX9-BS | - |
| | Kodiak 700, EPS | '16-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 660 | YFM660FP, FR, FH, FL Grizzly | '02-'04 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM66FA, FG Grizzly | '05-'08 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM660RN, RT, RP, RR, RL, RS Raptor | '01-'05 | GYZ16H | YTX14H-BS | YTX14L-BS | - |
| 600 | YFM600FW, FH Grizzly | '98-'01 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFV600FW Grizzly | '98-'01 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 550 | YFM550, YFM550PE, DE, DH Grizzly | '09-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 450 | YFM450FG Grizzly | '07-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM45FX Wolverine | '06-'10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM450FA, YFM45FA Kodiak | '03-'06 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM45KD, KP Kodiak | '18-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFZ450 | '04-'13 | - | - | YTX7B-BS | - |
| | YFZ450 | '17 | - | YTX7S | YTX5L-BS | - |
| | YFZ450X | '08 | - | - | YTX7B-BS | - |
| | YFZ450X | '10-'11 | - | YTX7S | YTX5L-BS | - |
| | YFZ450R | '09-'20 | - | YTX7S | - | - |
| 400 | YFM40FB Big Bear | '00-'12 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | YFM40FG Grizzly | '07-'08 | - | YTX14AH-BS | - | - |

PWC (PERSONAL WATERCRAFT) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|---------------------|------------------------------------|---------|----------------|----------------------|-----------|-------------------------|---------------------------|---|---------|----------------|----------------------|-----------|-------------------------|
| AQUA-JET CO. | | | | | | | HONDA | | | | | | |
| 430 | Aqua-Jet Sx1 | '91 | - | - | - | YB16-B | 1470 | AquaTrax F-15, F-15X | '03-'13 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 432 | Aqua-Jet SX1 | '89-'90 | - | - | - | YB16-B | 1235 | AquaTrax F/R-12, F/R-12X | '02-'09 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| ARCTIC CAT | | | | | | | KAWASAKI (JET SKI) | | | | | | |
| 770 | Tiger Shark | '97-'99 | - | YTX14AHL-BS | - | YB14L-A2 | 1500 | JT1500-A, STX, STX-15F | '04-'19 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 640 | Tiger Shark | '97-'99 | - | YTX14AHL-BS | - | YB14L-A2 | | JT1500-B, C, 250X, Ultra LX, 260(LX), 300(LX) | '07-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Tiger Shark | '93-'96 | - | - | - | YB16C-B | | SXR | '17-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | Ultra 310, LX, R, X | '14-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | 1200 JH1200-A, B Ultra 150 | '99-'05 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | JT1200-A, B, C, STX-R, STX-12F | '02-'07 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | 1100 JH1100 Zxi | '96-'03 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | JH1100-B Ultra 130 | '01-'04 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | JT1100 STX | '97-'03 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | 900 JH900 Zxi | '95-'97 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | JT900 STS, STX | '97-'05 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | 800 JS800 SX-R | '03-'11 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | 750 JH750 B1-b3 | '93-'95 | - | YTX20HL-PW | - | YB16CL-B |
| | | | | | | | | JH750 E1, F2, G1, G2 | '95-'99 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | JH750 SS, ST, Xi, XiR | '92-'99 | - | YTX20HL-PW | - | YB16CL-B |
| | | | | | | | | JH750 ST, Zxi | '95-'97 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | | | | | | | | JH750 SX, ZX | '92-'95 | - | YTX20HL-PW | - | YB16CL-B |
| 1630 | Fish Pro | '19-'20 | GYZ20HL | YTX20HL | YTX20L | - | | | | | | | |
| | GTI, GTR, GTX, RXP, RXT, WAKE | '20 | GYZ20HL | YTX20HL | YTX20L | - | | | | | | | |
| 1500 | GTI, GTR, GTS, GTX, RXT, RXP, WAKE | '16-'19 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | | | | | | |
| | GTI, GTX, GTR RXP, RXT, WAKE | '15 | - | YIX30L-PW | - | YB30CL-B | | | | | | | |
| | GTX 4-Tec, RXP | '03-'07 | - | YIX30L-PW | - | YB30CL-B | | | | | | | |
| | All Models | '88-'93 | - | YTX20HL-BS | YTX20L-BS | YB16L-B | | | | | | | |
| | All Other Models | '94-'07 | - | YTX20HL-PW | - | YB16CL-B | | | | | | | |
| 900 | SPARK | '14-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | | | | | | |
| | GT190 | '18-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - | | | | | | | |
| 780 | 3D | '07 | - | YTX20HL-BS-PW | - | YB16CL-B | | | | | | | |

BRP (SEA-DOO)

| | | | | | | |
|------|------------------------------------|---------|---------|---------------|-----------|----------|
| 1630 | Fish Pro | '19-'20 | GYZ20HL | YTX20HL | YTX20L | - |
| | GTI, GTR, GTX, RXP, RXT, WAKE | '20 | GYZ20HL | YTX20HL | YTX20L | - |
| 1500 | GTI, GTR, GTS, GTX, RXT, RXP, WAKE | '16-'19 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | GTI, GTX, GTR RXP, RXT, WAKE | '15 | - | YIX30L-PW | - | YB30CL-B |
| | GTX 4-Tec, RXP | '03-'07 | - | YIX30L-PW | - | YB30CL-B |
| | All Models | '88-'93 | - | YTX20HL-BS | YTX20L-BS | YB16L-B |
| | All Other Models | '94-'07 | - | YTX20HL-PW | - | YB16CL-B |
| 900 | SPARK | '14-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | GT190 | '18-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 780 | 3D | '07 | - | YTX20HL-BS-PW | - | YB16CL-B |

PWC (PERSONAL WATERCRAFT) APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|--------------------------|--------------------|---------|----------------|----------------------|-----------|-------------------------|--|------------------------|---------|----------------|----------------------|----------|-------------------------|
| | JS750 SX, ZX | '92-'95 | — | YTX20HL-PW | — | YB16CL-B | ULTRANAUTICS | | | | | | |
| | JS750 SXi, SXi Pro | '95-'02 | GYZ20HL | YTX20HL-BS | YTX20L-BS | — | 1250 | Jet Star1250 (Boat) | '88-'90 | — | — | — | 53030 |
| | JT750 STS, STX | '96-'98 | GYZ20HL | YTX20HL-BS | YTX20L-BS | — | | Jet Star1260 (Boat) | '91 | — | — | — | 53030 |
| 650 | JF650 TS | '89-'96 | — | YTX20HL-PW | — | YB16CL-B | 800 | All Models | '87-'92 | — | — | — | 53030 |
| | JF650 X2 | '86-'95 | — | YTX20HL-PW | — | YB16CL-B | | Wet Bike | '85-'86 | — | — | — | YHD-12H |
| | JL650 SC | '91-'95 | — | YTX20HL-PW | — | YB16CL-B | WET JET INTERNATIONAL | | | | | | |
| | JS650 SX | '87-'95 | — | YTX20HL-PW | — | YB16CL-B | All | All Models | All | GYZ20H | YTX20H-BS | YTX20-BS | — |
| 550 | JS550 | '82-'85 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | YAMAHA | | | | | | |
| | JS550, SX | '86-'95 | — | YTX20HL-PW | — | YB16CL-B | All | All Wave Runner Models | '87-'08 | — | YTX20HL-PW | — | YB16CL-B |
| 440 | JS440 | '87-'92 | — | YTX20HL-PW | — | YB16CL-B | 1800 | FX, FZR, FZS, VXS, VXR | '09-'20 | — | YTX20HL-PW | — | YB16CL-B |
| | JS440 | '77-'86 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | 1100 | VX, V1 | '09-'19 | — | YTX20HL-PW | — | YB16CL-B |
| 400 | JS400 | '76 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | 1049 | EX | '17-'19 | — | YTX20HL-PW | — | YB16CL-B |
| 300 | JS300 TS, SX | '86-'91 | — | YTX20HL-PW | — | YB16CL-B | 700 | Superjet | '09-'17 | — | YTX20HL-PW | — | YB16CL-B |
| POLARIS | | | | | | | All All Models All — YTX20HL-PW — YB16CL-B | | | | | | |
| S.O.S. MARINE MFG | | | | | | | All All Models All GYZ20H YTX20H-BS YTX20-BS — | | | | | | |

SNOWMOBILE APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-------------------|-----------------------------------|---------|----------------|----------------------|-----------|-------------------------|----------------------|---------------|---------|----------------|----------------------|---------|-------------------------|
| ARCTIC CAT | | | | | | | | El Tigre 5000 | '87-'88 | — | YTX14AHL-BS | — | YB14-A2 |
| 1100 | Z1, T21, F1100, M1100, Bearcat Z1 | '01-'14 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT | '95-'97 | — | — | — | — | YB7-A* |
| | ZR 7000, ZR 9000 | '14-'20 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT | '92-'94 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| | XF1100, T1100, ZR 5000 | '14-'17 | GYZ20H | YTX20H-BS | YTX20-BS | — | El Tigre, EXT | '89-'91 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | — |
| | XF 7000, 8000, 9000 | '14-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT (Powder Special) | '95-'96 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | M 8000, 9000 | '14-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT (EF) | '98 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | M 7000 | '15-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT (EF) | '95-'97 | — | — | — | — | YB7-A* |
| | Pantera 7000 | '15-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT (EF) | '94 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Bearcat 7000 | '15-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT 600 | '97-'98 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Bearcat 5000 | '15-'17 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT Dix (EF) | '97-'98 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| 800 | F8 LXR, F800, M800, XF800 | '07-'13 | GYZ20H | YTX20H-BS | YTX20-BS | — | EXT Special | '91-'92 | — | YTX14AHL-BS | — | — | YB14L-A2 |
| | ZR 8000 | '14-'20 | GYZ20H | YTX20H-BS | YTX20-BS | — | F6, F8, F1000 | '07-'09 | GYZ20H | YTX20H-BS | YTX20-BS | — | — |
| | Norseman 8000 | '19 | GYZ20H | YTX20H-BS | YTX20-BS | — | F5 | '07-'09 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Riot 8000 | '20 | GYZ20H | YTX20H-BS | YTX20-BS | — | Firecat | '03-'06 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| 700 | Bearcat 3000, Pantera 3000 | '16-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | Jag AFS | '89-'91 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| | ZR 3000, Norseman 3000 | '17-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | Jag AFS L/T | '89-'93 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| 600 | ZR 6000 | '14-'20 | GYZ20H | YTX20H-BS | YTX20-BS | — | Jag Liquid | '96 | — | YTX14AHL-BS | — | — | YB14-A2 |
| | M 6000 | '15-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | Jag Z | '94 | — | YTX14AHL-BS | — | — | YB14-A2 |
| | XF 6000 | '17-'18 | GYZ20H | YTX20H-BS | YTX20-BS | — | Jag Z | '93 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| | Norseman 6000 | '18-'19 | GYZ20H | YTX20H-BS | YTX20-BS | — | Jag, Jag Dlx | '94-'99 | — | YTX14AHL-BS | — | — | YB14-A2 |
| | Riot 6000 | '20 | GYZ20H | YTX20H-BS | YTX20-BS | — | Jag, Jag Dlx | '85-'93 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| 570 | F570, T570, Bearcat | '08-'14 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | Jaguar | '07 | GYZ20H | YTX20H-BS | YTX20-BS | — | — |
| 565 | Lynx 2000 | '15-'20 | GYZ20H | YTX20H-BS | YTX20-BS | — | King Cat 900 | '04-'06 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| | Bearcat 2000 | '17-'20 | GYZ20H | YTX20H-BS | YTX20-BS | — | Lynx | '91-'93 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| 500 | F5 LXR | '07-'14 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | M 5 | '05-'06 | GYZ20H | YTX20H-BS | YTX20-BS | — | — |
| | 4 Stroke Trail, Touring | '02-'03 | — | YTX24HL-BS | — | Y50-N18L-A-CX | M 6 | '05-'07 | GYZ20H | YTX20H-BS | YTX20-BS | — | — |
| | Bearcat 340, 440 | '95-'00 | — | YTX14AHL-BS | — | YB14-A2 | M 7 | '05-'06 | GYZ20H | YTX20H-BS | YTX20-BS | — | — |
| | Bearcat 570 | '04-'08 | — | YTX24HL-BS | — | Y50-N18L-A-CX | Mountain Cat | '01 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Bearcat 570 | '09-'14 | GYZ20H | YTX20H-BS | YTX20-BS | — | Mountain Cat 500 | '02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Bearcat WT Turbo | '06-'08 | — | YTX24HL-BS | — | — | Mountain Cat 570 | '02-'04 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| | Bearcat WT | '05-'08 | — | YTX24HL-BS | — | — | Mountain Cat 600 | '02-'04 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Bearcat WT | '03-'04 | — | YTX24HL-BS | — | — | Mountain Cat 800 | '02-'04 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| | Bearcat WT | '95-'02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | Mountain Cat 900 | '03-'04 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| | Cheetah 340, 550 | '94 | — | YTX14AHL-BS | — | YB14-A2 | Mountain Cat 1000 | '02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Cheetah 440 1-Speed, 2-Speed | '94 | — | YTX14AHL-BS | — | SYB14L-A2† | Pantera 1000 | '01-'02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Cheetah | '91-'93 | — | YTX14AHL-BS | — | SYB14L-A2† | Pantera 580 | '99-'01 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Cheetah | '89-'90 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | Pantera, 580 | '95-'98 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| | Cougar | '95-'98 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | Pantera | '94 | GYZ20H | YTX20H-BS | YTX20-BS | — | — |
| | Cougar | '91-'94 | — | YTX14AHL-BS | — | SYB14L-A2† | Pantera | '86-'93 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| | Cougar | '89-'90 | GYZ20HL | YTX20HL-BS | YTX20L-BS | YB16L-B | Pantera | '80-'85 | — | — | — | — | YB16L-B |
| | Crossfire 500 | '07 | GYZ20H | YTX20H-BS | YTX20-BS | — | Pantera 550, 600 | '02-'05 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A | — |
| | Crossfire 600 | '06-'07 | GYZ20H | YTX20H-BS | YTX20-BS | — | Pantera 800 | '02-'04 | — | YTX24HL-BS | — | — | Y50-N18L-A-CX |
| | Crossfire 700 | '06 | GYZ20H | YTX20H-BS | YTX20-BS | — | Panther | '94-'96 | — | YTX14AHL-BS | — | — | YB14-A2 |
| | | | | | | | Panther | '89-'93 | — | YTX14AHL-BS | — | — | SYB14L-A2† |
| | | | | | | | Panther | '80-'88 | — | — | — | — | YB16L-B |

* See Battery Cross Reference Chart on page 17
† This battery includes a sensor

■ Top and front terminal mounts only

SNOWMOBILE APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|-------------------------------------|---------|----------------|----------------------|----------|-------------------------|
| | Panther 340 | '98-'00 | - | YTX14AH-BS | - | YB14-A2 |
| | Panther 370 | '01-'08 | - | YTX14AH-BS | - | YB14-A2 |
| | Panther 440 | '97-'02 | - | YTX14AH-BS | - | YB14-A2 |
| | Panther 550 | '97-'01 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Panther 570 | '02-'07 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | Panther 660 | '06-'08 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | Powder Extreme | '97-'98 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Powder Special | '95-'97 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Prowler, 2-up (w/o electric start) | '94 | - | - | - | YB7-A* |
| | Prowler, 2-up (with electric start) | '94 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Prowler | '90-'93 | - | YTX14AHL-BS | - | YB14L-A2 |
| | Prowler 2-Up | '91-'93 | - | YTX14AHL-BS | - | YB14L-A2 |
| | Prowler 2-Up | '95 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Prowler Special | '91-'92 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Puma, 2-Up, Deluxe | '94-'97 | - | YTX14AH-BS | - | YB14-A2 |
| | Sabercat 500 LX | '04-'05 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Sabercat 500, 600, 700 | '04-'06 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | T660 Touring | '04-'08 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | T660 Turbo Touring | '04-'07 | - | YTX24HL-BS | - | - |
| | Thundercat | '97-'02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | Wildcat (EFI) | '95-'96 | - | - | - | YB7-A* |
| | Wildcat (EFI) | '93 | - | YTX14AHL-BS | - | SYB14L-A2† |
| | Wildcat MC | '94-'96 | - | - | - | YB7-A* |
| | Wildcat Touring | '95-'96 | - | - | - | YB7-A* |
| | Z 440 | '98-'06 | - | YTX14AH-BS | - | YB14-A2 |
| | Z 370 | '99-'07 | - | YTX14AH-BS | - | YB14-A2 |
| | Z 570 | '02-'07 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | ZL 500 | '01-'02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | ZL 550, 600 | '01-'03 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | ZL 800 | '01 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | ZL 800 | '02-'03 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | ZR 580 (EFI) | '95-'96 | - | - | - | YB7-A* |
| | ZR 500, 600 | '01-'02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| | ZR 800 | '02-'03 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | ZR 900 | '03-'06 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | ZRT 600, 800 | '97-'02 | GYZ20H | YTX20H-BS | YTX20-BS | YB18-A |
| 200 | ZR 200 | '18-'19 | - | - | YTX7L-BS | - |

KAWASAKI

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|----|------------|------|----------------|----------------------|-----|-------------------------|
| | All Models | All | - | YTX24HL-BS* | - | Y50-N18L-A-CX |

POLARIS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|--------------------------------|---------|----------------|-----------------------|-----------|-------------------------|
| | All EFI (RXL, 500 EFI) | '93-'97 | - | - | - | YB9A-A |
| | All Electric Start Kits | '85-'93 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | All Electric Start Kits | '94-'05 | - | YTX14AH-BS | - | YB14A-A2 |
| | All Other Models | '92-'05 | - | YTX14AH-BS | - | YB14A-A2 |
| | Indy, Indy Trail | '84-'91 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | Sprint (Electric Start) | '86-'90 | - | - | - | Y60-N24-A |
| 850 | Rush Pro, SKS | '19 | - | YTX20CH-BS | - | - |
| | Switchback | '19-'20 | - | YTX20CH-BS | - | - |
| 800 | Switchback, RMK | '10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Rush, Switchback, RMK | '11-'20 | - | YTX20CH ^{FA} | - | - |
| | Indy | '14-'16 | - | YTX20CH ^{FA} | - | - |
| | SKS | '16 | - | YTX20CH ^{FA} | - | - |
| | Titan SP, Adventure/XC | '18-'20 | - | YTX20CH ^{FA} | - | - |
| 750 | FS/FS ^T , Wide Trak | '06-'10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Turbo Switchback, Turbo Dragon | '06-'10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Turbo LX, IQ | '08-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | FS Wide Trak | '10-'13 | GYZ32HL | YX30L-BS | - | YB30L-B |
| 600 | IQ Touring | '08 | - | YTX14AH-BS | - | - |
| | IQ, Shift, Switchback, RMK | '09-'11 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Shift, Switchback, RMK | '09-'10 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Wide Trak | '10-'17 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | Rush | '10-'19 | - | YTX20CH ^{FA} | - | - |
| | Switchback, RMK | '12-'19 | - | YTX20CH-BS | - | - |
| | Indy, Voyageur | '14-'20 | - | YTX20CH-BS | - | - |
| | Wide Trak | '14-'17 | GYZ32HL | YX30L-BS | - | YB30L-B |
| 550 | IQ, LXT, Shift | '13 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Indy, Voyageur, Adventure | '14-'20 | - | YTX20CH-BS | - | - |
| | Wide Trak | '16-'19 | - | YTX20CH-BS | - | - |
| 544 | Trail, Trail Touring | '09 | - | YTX14AH-BS | - | YB14A-A2 |
| 500 | Wide Trak | '89-'14 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |

YAMAHA

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|------|--------------------------------|---------|----------------|----------------------|-----------|-------------------------|
| 1049 | FX Nyro | '08-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | RS Venture | '09-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | RS Vector (All Models) | '10-'18 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | SR VIPER L/M/R/S/X | '14-'19 | GYZ20H | YTX20H-BS | YTX20-BS | - |
| | VK Professional II | '16-'20 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1000 | Apex | '06-'18 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Attak, GT | '06-'07 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | RS1000S, GT, RS | '06-'14 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | RX1000R RX (All Models) | '03-'05 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Sidewinder (All Models) | '17-'19 | GYZ20H | YTX20H-BS | - | - |
| 973 | (RS) Vector all models | '05-'09 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | RS Viking Professional, VK Pro | '06-'15 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | RS Venture | '05-'08 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| | Nyro | '06-'07 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 700 | SKV700ER SKViper ER | '02-'05 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VT700 Venture 700 | '98-'04 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VX700DX Vmax 700 Deluxe | '99-'00 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VX700ER Vmax 700 ER | '01-'02 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VX700XTDX Vmax 700 XTC Deluxe | '98 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| 600 | VT600 Venture 600 | '97-'98 | - | - | - | YB16AL-A2 |
| | VT600 Venture 600 | '99-'06 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VX600DX Vmax 600 Deluxe | '99-'01 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VX600E/DX Vmax 600 LE/DX | '94-'96 | - | - | - | YB16AL-A2 |
| | VX600ER Vmax 600 ER | '02-'03 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VX600XTC Vmax 600 XTC | '97-'98 | - | - | - | YB16AL-A2 |
| 570 | EX570E Exciter, II LE, Deluxe | '88-'93 | - | - | - | YB16AL-A2 |
| 540 | EC540 Excel | '79-'80 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | VK540E, M, II, III | '88-'05 | - | - | - | YB16AL-A2 |
| | VK540 | '18-'20 | - | - | - | YB16AL-A2 |
| | XL540 XLV | '85-'90 | - | - | - | YB16AL-A2 |
| 500 | Phazer All Models | '07-'18 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | Venture Lite, MP, RS | '07-'18 | GYZ16H | YTX14H-BS | YTX14-BS | - |
| | PZ500DX Phazer 500 Deluxe | '01 | - | - | - | YB16AL-A2 |
| | VT500 Venture 500 | '97-'01 | - | - | - | YB16AL-A2 |
| | VT500 Venture 500 XL | '99-'00 | - | - | - | YB16AL-A2 |
| | VX500E, F, DX, ST Vmax | '94-'01 | - | - | - | YB16AL-A2 |
| 480 | PZ480E Phazer Deluxe | '84-'89 | - | YTX14AHL-BS | - | SYB14L-A2† |

BRP (SKI-DOO)

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|------|--|---------|----------------|-----------------------|----------------------|-------------------------|
| | All 4-stroke | '03 | - | YTX24HL-BS | - | - |
| | All Models | '98 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | CK3 Types | '99-'03 | - | YTX24HL-BS* | - | Y50-N18L-A-CX |
| | Elite | '04-'06 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | ZX Types | '99-'01 | - | - | YTX15L-BS | - |
| | ZX Types | '02-'03 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |
| 1200 | Grand Touring, Expedition | '10-'18 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Expedition SE | '15-'19 | GYZ32HL | YX30L-BS | - | YB30L-B |
| | Expedition LE | '10-'12 | - | YTX20HL-BS-PW | - | - |
| | Expedition LE | '13-'19 | GYZ20HL | YTX20HL-BS | - | - |
| | Renegade, GSX, MX Z | '09-'18 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 1000 | Expedition, Legend, Skandic | '03-'06 | - | YTX24HL ^{FA} | - | - |
| 900 | Renegade, MX Z, Expedition, Grand Touring, Skandic | '14-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 850 | Renegade X E-TEC, Adventure | '17-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | MX Z E-TEC, SUMMIT E-TEC | '17-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Free Ride (All Models) | '18-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Expedition Xtreme | '20 | GYZ32HL | YX30L-BS | - | - |
| | Backcountry | '19-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 800 | Expedition | '07-'19 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Renegade, Summit, Free Ride | '04-'19 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | GSX, MX Z | '04-'17 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 600 | Expedition, Skandic, Summit, Sport | '06-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Expedition SE | '13-'20 | GYZ32HL | YX30L-BS | - | - |
| | Expedition SE | '10-'12 | GYZ32HL | YX30L ^{FA} | - | - |
| | Skandic ACE | '15-'18 | GYZ32HL | YX30L-BS | - | - |
| | Skandic ACE | '19-'20 | GYZ20HL | YTX20HL-BS | - | - |
| | Grand Touring, Renegade | '04-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Tundra, MX Z, GSX | '04-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Backcountry | '19-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 550 | Expedition, Skandic, Tundra, Sport | '05-'20 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | Grand Touring, Renegade | '14 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| | MX Z, GSX, GTX | '07-'14 | GYZ20HL | YTX20HL ^{FA} | YTX20L ^{FA} | - |
| 300 | Skandic Tundra | '07-'09 | GYZ20HL | YTX20HL-BS | YTX20L-BS | - |

* See Battery Cross Reference Chart on page 17

† This battery includes a sensor

^{FA} Must use Factory Activated battery

* Top and front terminal mounts only

SNOWMOBILE APPLICATIONS

| CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional | CC | Model | Year | GYZ Series AGM | High Performance AGM | AGM | Yumicron / Conventional |
|-----|-----------------------------|---------|----------------|----------------------|-----|-------------------------|-----|------------------|---------|----------------|----------------------|----------|-------------------------|
| | PZ480E Phazer II LE, SS | '90-'98 | — | YTX14AHL-BS | — | SYB14L-A2 † | | ET340E Enticer | '79 | — | YTX24HL-BS * | — | Y50-N18L-A-CX |
| | VT480 Venture GT | '92-'93 | — | YTX14AHL-BS | — | SYB14L-A2 † | | ET340E Enticer | '80 | — | YTX14AHL-BS | — | SYB14L-A2 † |
| | VT480 Venture XL | '91-'97 | — | YTX14AHL-BS | — | SYB14L-A2 † | 300 | CF300 Inviter | '86-'90 | — | — | — | YB16AL-A2 |
| | VT480TR Venture TR Electric | '98 | — | YTX14AHL-BS | — | SYB14L-A2 † | 200 | SXR2 Sno-Scoot | '19 | — | — | YTX7L-BS | — |
| 340 | CS340 Ovation Deluxe/LE | '89-'00 | — | YTX14AHL-BS | — | SYB14L-A2 † | 125 | SV125E Sno-Sport | '90-'91 | — | YTX14AHL-BS | — | SYB14L-A2 † |
| | EC340 Excel III | '81-'88 | — | YTX14AHL-BS | — | SYB14L-A2 † | 80 | SV80E Sno-Scoot | '88-'90 | — | — | — | YB7L-B* |

* See Battery Cross Reference Chart on page 17
 ■ Top and front terminal mounts only

† This battery includes a sensor

1 AMP Automatic Battery Charger & Maintainer

Part No. YUA1AMPCH

- 3 stage charge cycle
- Automatically switches to maintenance mode when battery is fully charged
- Designed to prevent overcharging
- Includes 12 ft. total cable length, quick connect adapter and alligator clips
- 5 year limited warranty



2 AMP Dual-bank Automatic Charger & Maintainer

Part No. YUA2AMPCH

- 2 independent charging stations
- Charges 6 & 12 volt batteries
- Automatic charging and maintenance maximizes battery life
- OEM-approved 5-stage charging algorithm saves time and energy
- Active desulfation to recover sulfated batteries
- Defective battery detection to eliminate surprises
- 5 year limited warranty



3 AMP Automatic Battery Charger & Maintainer

Part No. YUA3AMPCH

- Automatic charging and maintenance maximizes battery life
- OEM-approved 5-stage charging algorithm saves time and energy
- Active desulfation to recover sulfated batteries
- Defective battery detection to eliminate surprises
- 13 ft. total cable length including alligator clips
- 5 year limited warranty



Battery Charger Leads

Part No. YUA00ACC04 - 18AWG Wire, 3 amp fuse

Part No. YUA00ACC05 - 16AWG Wire, 15 amp fuse

- Compatible with all Yuasa consumer chargers and maintainers
- Support electrical accessories such as heated gear and GPS units



Jumper Cables

Part No. YUA00ACC07

- Convenient storage bag included
- Heavy duty, 8 ft., 8-gauge cables won't stiffen or freeze
- Tangle resistant, encased rubber grips for safer use



Digital Battery Print Tester



Part No. YUA00BTY01P

EASY, FAST, ACCURATE, AFFORDABLE

- Developed exclusively for powersports batteries
- Determines battery health and charge status in seconds
- Single load, dynamic resistance technology minimizes battery drain during test
- Tests both charged and discharged batteries accurately
- Digital battery tester prints recommended actions
- Charging system check
- 1 year limited warranty

12V

| | |
|----------------------|---|
| APPLICATION | 12V Powersports Batteries 2.3 ~ 32AH |
| VOLTMETER | 1.5V ~ 30V |
| THERMAL PRINTER | Prints results in seconds |
| INCLUDED ACCESSORIES | Heavy-duty Plastic Case 2 Rolls of Printer Paper 4 AA Batteries |
| LANGUAGES | English, French, Spanish, German, Italian, Portuguese |
| DIMENSION | 195 (L) X 114 (W) X 50 (H) (mm) |

TEST FLOW:

BATTERY TEST: ✓
12.88V

Application:
12V

BATTERY CATEGORY: ✓
AGM

Battery Category:
a. CONVENTIONAL
b. AGM

SET CAPACITY: ✓
20AH

GOOD & PASS: ✓
12.79V

4 Test Results:
a. Good & Pass
b. Good & Recharge
c. Recharge & Retest
d. Bad & Replace

PRINT RESULTS? ✓
YES

Replacement Paper Roll

Part No. YUABTY01PPR

- Thermal printing paper
- 2 rolls of printer paper



Small Display Rack

Part No. 60052

- 24" wide x 48" high x 10" deep
- Order header card separately



Small Battery Rack Header Card

Part No. YUA-SMHC



Large Display Rack

Part No. YUASARACK

- 37" wide x 62" high x 15" deep
- Order header card separately



Large Battery Rack Header Card

Part No. YUA-LGHC

Part No. YUA-LGHCM - Battery Applications





Metal Sign

Part No. YUA-888



2020 Counter Mat

Part No. YUA-016



3' x 5' Banner

Part No. YUA-001



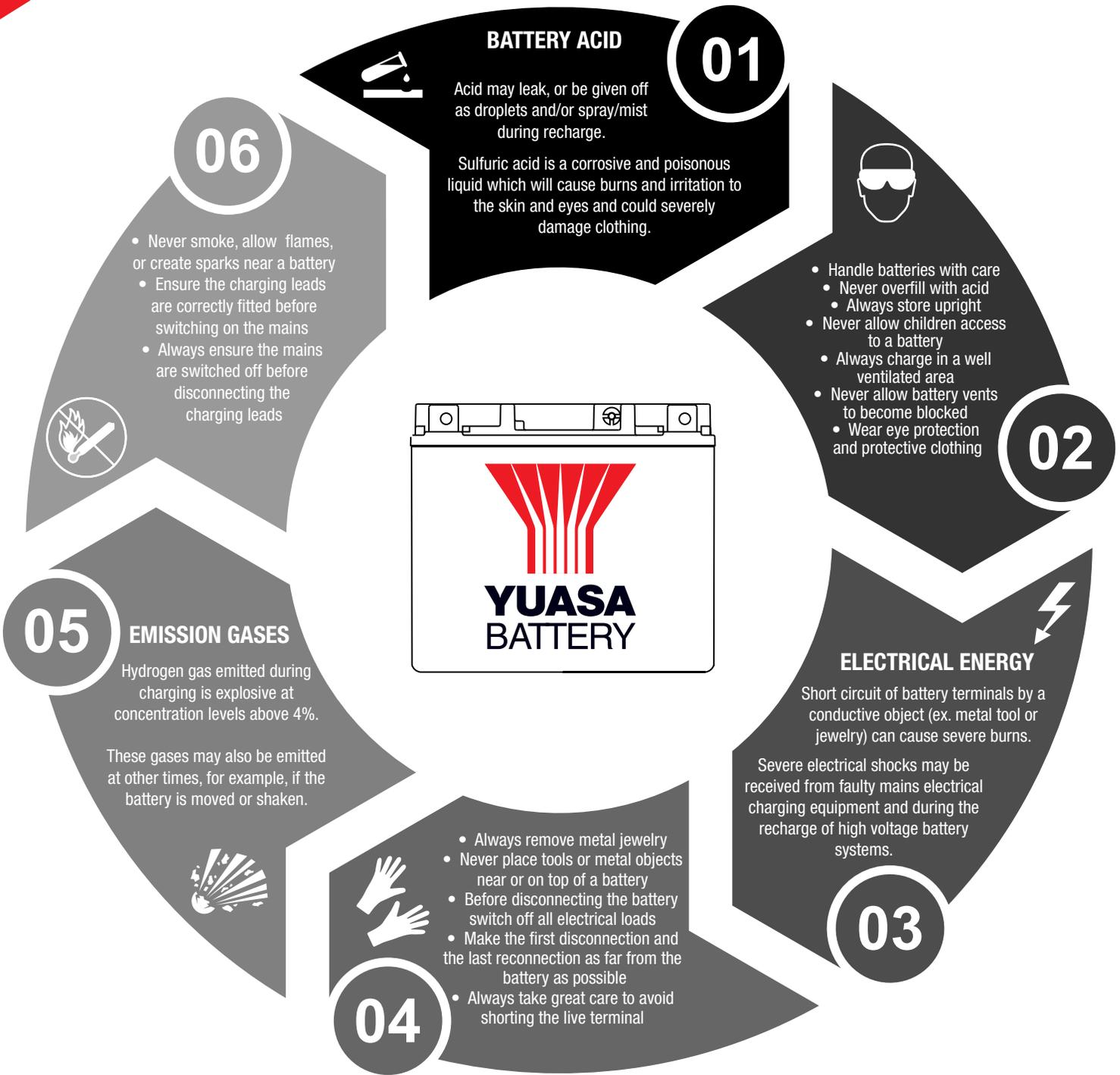
Counter Stool

Part No. YUA-999



Any device that stores energy can be dangerous. There is a lot of explosive power in a gallon of gasoline, but when handled with some knowledge, its use can be made relatively safe. Batteries are no different in that with the proper precautions and safety practices, they can be

handled in a safe manner. Working with batteries poses two hazards: potentially explosive gases that are given off during discharging and charging, and sulfuric acid, which is highly corrosive. The safety chart below will help keep these two hazards under control:



BATTERY CHARGING

Chemistry. During discharge, sulfuric acid is drawn from the electrolyte into the plates. This forms sulfate on the plates. Charging a battery reverses the chemical process that occurred during discharge, sending the sulfate back into the electrolyte as sulfuric acid. The electrical energy used to charge a battery is converted back to chemical energy and stored inside the battery. Battery chargers, including alternators and generators, produce a higher voltage (higher "electrical pressure") than the battery's open circuit voltage. For example, if a battery charger that outputs 14 volts is connected to a 12 volt battery, current flow will be from the charger into the battery. This high electrical pressure, or voltage, is required to push electrical current back into the battery, overcoming its open circuit voltage and thus providing charging current. The charging device (alternator, generator, or battery charger) produces excess electrons at the negative battery plates where positive hydrogen ions are then attracted to them. The hydrogen ions combine with the lead sulfate on the discharged plates to form sulfuric acid and lead, which ultimately reduces the amount of water in the electrolytic solution and increases the battery's specific gravity during the charging process.

HOW MANY AMPS?

Applying a charging current to a battery, without overheating

it, is called the "*natural absorption rate*". Because of their smaller size, when compared to automotive types of batteries, powersports batteries are more sensitive to how much current they can safely absorb. **When charging a motorcycle or other small battery, the battery charger should not exceed 3 amps.** Most automotive types of battery chargers are not suitable for charging a motorcycle battery because they output current above 3 amps. For the correct charge rate, a rule of thumb is to divide the battery's amp hour rating by 10. For example, a 14 AH battery should be charged at 1.4 amps (14AH / 10 = 1.4 amps).

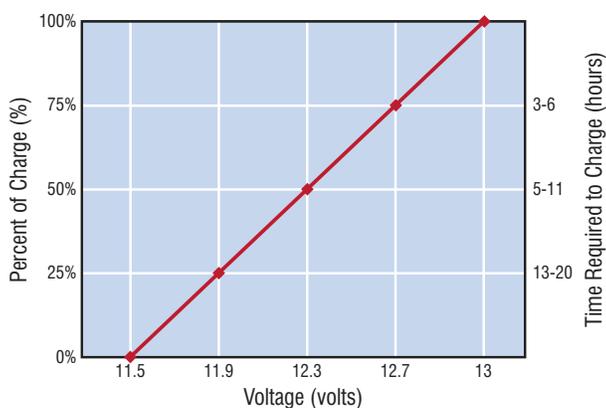
When charging amperage exceeds the level of the natural absorption rate, the battery may overheat, causing the electrolyte solution to bubble, creating flammable hydrogen gas. Hydrogen gas, when combined with oxygen from the air, is highly explosive and can easily be ignited by a spark. Consequently, **always remember to turn the power off before connecting or disconnecting a battery charger to prevent a spark at the battery terminals!** Many battery chargers that are designed for use with small batteries have a "*no spark*" feature when being connected or disconnected from the battery. In addition to excessive out-gassing during charging, a battery that has been rapidly discharging (cranking an engine over until it's dead, for instance) may also produce excessive hydrogen gas.

| Charging Times | | | | | | |
|---|---------------|-------|-------|---------|--------|--------|
| State of Charge | Battery Types | | | | | |
| | YB14 | YB30L | YTX14 | YTX20HL | YIX30L | GYZ20L |
| Approximate Charge Times (Hours) Using a "Trickle" (0.25 Amp) Charger | | | | | | |
| 75% | 18 | 38 | 15 | 23 | 38 | 25 |
| 50% | 35 | 75 | 30 | 45 | 75 | 50 |
| 25% | 53 | 113 | 45 | 68 | 113 | 75 |
| 0% | 70 | 150 | 60 | 90 | 150 | 100 |
| Approximate Charge Times (Hours) Using a 1 Amp Taper Charger | | | | | | |
| 75% | 8 | 17 | 7 | 10 | 17 | 11 |
| 50% | 14 | 30 | 13 | 18 | 30 | 20 |
| 25% | 20 | 42 | 18 | 25 | 42 | 28 |
| 0% | 27 | 56 | 23 | 33 | 56 | 37 |
| Approximate Charge Times (Hours) Using a 1 Amp Constant Current Charger | | | | | | |
| 75% | 4 | 9 | 4 | 6 | 9 | 6 |
| 50% | 9 | 19 | 8 | 11 | 19 | 13 |
| 25% | 13 | 28 | 11 | 17 | 28 | 19 |
| 0% | 18 | 38 | 15 | 23 | 38 | 25 |

CHECKING A BATTERY

A routine should be established by which a battery is checked for state-of-charge and charged if necessary. Because access to the battery may be difficult on some vehicles, a permanent, quick connect/disconnect connector can be installed, allowing the battery charger to be connected to the vehicle's battery externally. When charging a battery, always refer to the instructions that come with the battery charger. While maintaining a battery at its full state-of-charge will insure optimum life, overcharging may significantly reduce the battery's life. Any of the Yuasa automatic chargers (1 AMP, 2 AMP and 3 AMP) will maintain both AGM and Conventional battery types without overcharging them. Use the following guidelines for charging AGM and Conventional batteries:

- Always verify battery state-of-charge before charging, and 30 minutes after charging.
- A battery charger has been disconnected from the battery for one to two hours, a fully charged Conventional battery should read 12.6 volts or higher.
- AGM batteries may have slightly higher voltage readings after a full charge.



The approximate charging times are shown using a constant current charge (Yuasa charger) at the amps specified on the battery.

Do not overcharge. Because of the characteristics of an AGM battery, too much of a boost charge, or overcharging will decrease the volume of electrolyte. The longer the overcharge time, the greater the drop in electrolyte and starting power. The battery is sealed, water can not be added to make up the difference in the loss of electrolyte.

In addition, overcharging can warp cell plates making future charging difficult or impossible. To prevent overcharging, track charging times carefully, or ideally, use one of Yuasa's Automatic Chargers. Always stop charging if the battery case becomes too hot to touch. Let it cool down 6 to 12 hours and resume charging. Charging times will vary depending on charger type and battery size. *Caution: Always wear safety glasses when handling batteries and charge them in a well-ventilated area.*

CHARGING A DEEPLY DISCHARGED BATTERY

Batteries with an open circuit voltage below 11.5 volts may require a special charger and procedures to recharge. Deeply discharged batteries will have high internal resistance, making normal battery charging difficult. It may be necessary to use a charging voltage higher than normal to get the battery to accept a charge. The Yuasa Automatic 12V 4 AMP battery charger is capable of charging at a rate of 20 volts and has two current settings. Whether you use a Yuasa charger or another charger, charge the battery for 30 minutes and then measure the open circuit voltage. If the voltage reading has not increased (indicating that charging has taken place) the battery must be replaced. If the battery is accepting a charge, continue charging. During this process, if the battery's case temperature becomes too high (about 140° F) charging should be stopped or charging current should be reduced. The process of charging a deeply discharged battery may take up to 20 hours or more.

POINTS TO REMEMBER

- Prolonged discharge causes harmful sulfation and may damage a battery
- Discharged (dead) batteries are prone to freezing in cold temperatures
- Short trips may not provide enough battery charging time
- Always verify the state-of-charge 30 minutes after charging
- Storing batteries in high temperatures will cause damage to the battery
- Never exceed 3 amps when charging a motorcycle, or other small battery

HOW TO ACTIVATE AN AGM BATTERY

Yuasa AGM batteries leave the factory either FA or BS:

- **Factory Activated (FA)** – the battery is filled with electrolyte, sealed and charged at the factory. These batteries must be used within a period of time and cannot be stored indefinitely.
- **Bottle Supplied (BS)** – dry AGM batteries are shipped with the electrolyte stored in a plastic container. The battery is filled with electrolyte from the container when it's ready to be activated. AGM dry batteries have a shelf life of 5 years from the manufacturer, as long as they remain sealed. Proper seal for AGM batteries means a foil sealing strip in place on the battery without damage or flaw. Once a battery is unsealed it should be activated, charged, and installed. The plates of an unsealed battery will begin to oxidize, making it more difficult to charge later.

Activating an AGM battery (BS) is a simple process and differs from activating a Conventional battery. Non-activated AGM batteries can be stored for long periods of time as long as they are kept in a cool, dry location and out of direct sunlight. Also the foil sealing strip covering the filler ports should not be removed until the battery is ready to be activated. Use only the electrolyte container that comes with the battery for filling the cells as it has a higher concentration of sulfuric acid than the acid used for Conventional batteries.

It's also important to note that not all electrolyte containers are created equal. Typically, each contain has the proper amount of electrolyte for its specific battery. Always read the precautions and instructions on the electrolyte container before handling and filling your AGM battery.

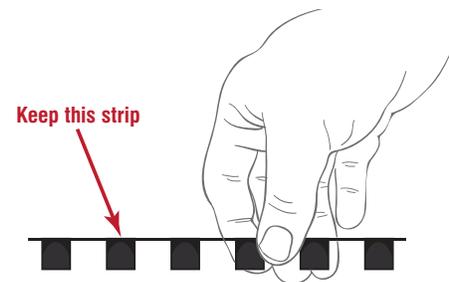
Do not smoke when activating a battery or handling battery acid. Always wear plastic gloves and protective eye wear.



The electrolyte container that is shipped with a dry AGM battery contains the correct amount of battery acid and is more concentrated than the electrolyte used in a conventional battery.

THE 7-STEP PROCESS TO ACTIVATE AN AGM BATTERY:

1. The battery must be out of the vehicle and placed on a level surface.
2. Remove electrolyte container from the plastic storage bag. Remove the strip of caps and set it aside as it will be necessary later in the process. When filling your AGM battery use only the dedicated acid container that comes with the battery as it contains the proper amount of electrolyte for that specific battery. This is important to service life and battery performance. **Do not pierce, or otherwise open the foil seals on the electrolyte container. Do not attempt to separate the individual electrolyte containers.**

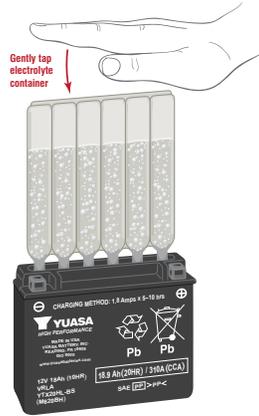


Do not puncture the foil seal or remove it prior to filling a dry AGM battery.

3. Place the electrolyte container with the foil seals facing down into the cell filler ports on the battery. Hold the container level and push down to break the foil seals. Electrolyte will start to flow into the battery and air bubbles will be seen inside the container. **Do not tilt the electrolyte container.**

4. Check the electrolyte flow. **Keep the container in place for 20 minutes or longer until it empties completely.** If no air bubbles are coming up from the filler ports, or if container cells haven't emptied completely after 20 minutes, tap the container gently and/or battery case a few times to cause the electrolyte to flow into the battery. Do not remove the acid container from the battery until it is completely empty. The battery requires the entire electrolyte from the container for proper operation.

Bubbles will appear as the electrolyte container fills the battery indicating the flow of battery acid. Tap the container periodically to keep the electrolyte flowing until the container is completely empty. **Never puncture the top of the acid container to speed up the filling process.**



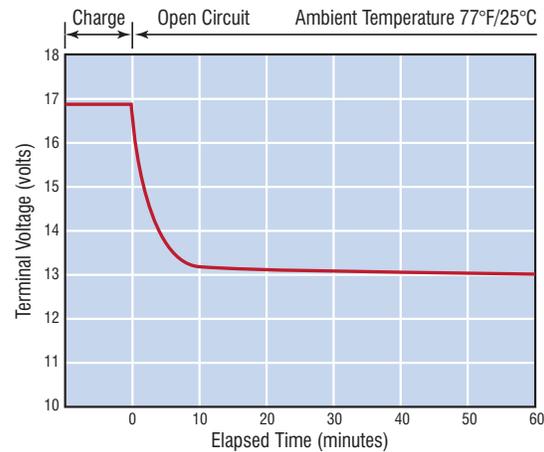
5. Carefully remove the empty electrolyte container from the battery. Fully insert the strip of sealing caps (previously removed from the electrolyte container) into the battery filling ports. Make sure the strip of caps is fully inserted and flush with the top of the battery. Insert the caps by hand, do not use a hammer or excessive force. **Never remove the strip of caps or add water or electrolyte to the battery during its service life.**



After filling, the sealing caps should be installed using hand pressure only. The sealing cap should never be removed once the battery is activated.

6. For batteries with ratings of less than 18 AH, let the battery stand for 20 to 60 minutes. For batteries with higher AH ratings, and/or having the **High Performance rating (designated by an "H" in the part number/name)** allow the battery to stand for 1 to 2 hours. Yuasa AGM batteries have the amp hour (AH) printed on the front of the battery case. The stand, or rest period, allows the electrolyte to permeate into the plates for optimum performance.

7. **Newly activated AGM batteries require an initial charge.** After adding electrolyte, a new battery is approximately 75-80% charged. After the "stand" period (step 6), charge the battery to bring it to a full state-of-charge. The battery charger used for initial charging should be able to charge at 12.8+ volts for an AGM battery. All Yuasa battery chargers are capable of reaching this minimum voltage and initializing/activating an AGM battery.

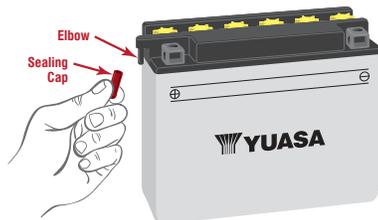


During the initial charging period, battery voltage may reach over 16 volts. Open circuit voltage should be checked after the battery is allowed to stand between 1 and 2 hours.

HOW TO ACTIVATE A CONVENTIONAL BATTERY

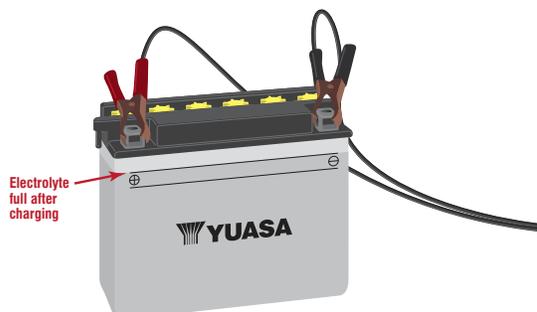
Sealed at the Yuasa factory, a new Conventional battery has shelf life of 2 years from manufacturer as long as it remains sealed (filler caps and red vent cap installed) and is stored at room temperature. Once the battery is unsealed, it should be activated and put into service. The cell plates on an unsealed, uncharged battery will oxidize making charging difficult and reducing the service life of the battery.

- The battery must be out of the vehicle and placed on a level surface. Remove filling caps (red, yellow or green colored battery caps).
- **Remove the red sealing cap from the vent elbow.** If the battery has a red cap on the vent elbow, remove it and throw it away. Never put this cap back on the battery after it is filled with acid as the buildup of internal gas pressure can cause the battery case to rupture.



Always remove the red sealing cap from the vent elbow before filling and activating the battery.

- Using the acid bottle supplied with the battery, place the container upright on a flat surface. Carefully cut off the tip of the bottle's spout and attach the short tube provided. **Caution: Do not squeeze the bottle when cutting the fill tip. Do not smoke when activating a battery or handling battery acid. Always wear plastic gloves and protective eye wear.**
- Fill the battery with electrolyte supplied with the battery. Do not use water or any other liquid to activate a battery. Electrolyte should be between 60° F and 86° F before filling. If electrolyte is stored in a cold area, it should be warmed to room temperature before filling. Fill to the UPPER LEVEL as indicated on the battery. *NOTE: Never fill/activate a battery installed in a vehicle as electrolyte spillage can cause damage.*



Make sure that the acid level is to the upper mark after the battery is initially charged. If the level is low fill with electrolyte.

- Fill each battery cell slowly and carefully to the highest level line.
- Let the battery stand for at least 30 minutes after filling. Move or gently tap the battery so that any air bubbles between the plates will be expelled. If the acid level has fallen, refill with acid to upper level.

Post-Fill Stand Time

Amp-Hour

< 18
> 18
High Performance

Stand Time

30-60 minutes
1-2 hours
1-2 hours

- Filling a Conventional battery with electrolyte will bring it to 75-80% of a full charge. **A battery must be charged to 100% before putting it into service.** To find recommended charging current requirements in amps for a specific battery, divide battery ampere-hour capacity rating by 10. For example a 14 AH battery should be charged at 1.4 amps ($14 \text{ AH} \div 10 = 1.4 \text{ amps}$). The specific gravity of the electrolyte should rise to at least 1.260 on 12N series batteries. On all High Performance batteries (YB Series) a minimal reading of 1.280 should be observed.
- During initial charging, check to see if the electrolyte level has fallen, and if so, fill with acid to the UPPER LEVEL. After adding acid, charge for another hour at same rate as above to mix the water and acid together. Note: This is the last time electrolyte should be added to the battery. If the level is low during use, distilled water should be added as required.
- When charging is complete, replace filler cap plugs and tighten by hand—**do not use a screwdriver or pliers.** Wash off spilled acid with a water and baking soda solution, paying particular attention that any acid is washed off the terminals. Dry the battery case and install the battery.

BATTERY INSTALLATION

In most applications, batteries should be installed in an upright position. If there is any question regarding a particular vehicle/battery/installation please contact us for our specific recommendations before installation. www.yuasabattery.com

AGM batteries that come with separate acid packs that are used to fill and activate the battery should not be installed in any position other than upright, as possible electrolyte leakage may occur. Also, **Conventional and Yumicron batteries should never be installed in any position other than upright as their liquid electrolyte will leak from the battery case causing damage to the vehicle.**

Disclaimer: *Yuasa batteries are to be mounted in a position identical to the position in which they were mounted in the vehicle by the manufacturer. Any position other than the "0°" position (upright) requires a "non-spillable" "Factory Activated" battery.*

Yuasa Battery assumes no responsibility for damages and/or injuries incurred due to a battery being mounted in a position other than what was originally used in the vehicle by the manufacturer. All "-BS" and Conventional "Flooded" batteries are to be mounted in the "0°" (upright) normal/center position.



INSPECTING A BATTERY

Battery testing should begin with an inspection of the battery using the following steps:

- **Make sure the top of the battery case is clean and dry.** If the case of a battery is dirty it can cause the battery to discharge through the grime on top of the case. Use a soft brush and water and soap or a solution of baking soda and water to clean the battery case or terminals. On a Conventional battery, make sure filler

cap plugs are finger tight so cleaning materials will not enter the cells and neutralize the acid.

- **Inspect battery terminals, screws, clamps and cables for problems including: breakage, corrosion or loose connections.** Clean the terminals and clamps with a wire brush. Once battery cables are installed, dielectric grease (available at most auto parts stores) or clear lacquer from a spray can applied to the terminals will help prevent oxygen from causing corrosion on the battery terminals.
- **Inspect the battery case for obvious damage such as cracks or leaks;** look for discoloration, warping or raised battery case top, which may indicate that battery has overheated or been overcharged.
- **For Conventional batteries, check electrolyte level and add distilled water if necessary. Don't add acid—only distilled water.** Before any testing, charge the battery so the water and acid mix.



- **If equipped, check the battery vent tube. Make sure it's not kinked, pinched or otherwise obstructed.** On a motorcycle, it should exit away from the drive chain and from below the swing arm. Small cuts in the tube near the battery vent are OK; they form an emergency escape for trapped gas in case the vent tube becomes obstructed.

BATTERY TESTING – HYDROMETER

Conventional batteries have filler caps which their state-of-charge can be checked using a hydrometer by measuring specific gravity. If, after charging, the battery's specific gravity does not increase to indicate a full charge, the battery should be replaced.

A hydrometer measures the ratio of sulfuric acid to water, or the specific gravity of the electrolyte. The specific gravity for pure water is 1.000 and sulfuric acid has an specific gravity of 1.835. Combined, their specific gravity is controlled at 1.280.

Yumicron batteries use sulfate stop, a chemical additive that increases battery life by reducing sulfate buildup. Sulfate stop may cause a slight increase in specific gravity readings for these types of batteries. **A battery's specific gravity changes with temperature.** Ideally, readings should be taken at 77° F. If the temperature is much colder or hotter, a conversion factor can be used to obtain an accurate reading. Add .001 to the specific gravity for every 3° F above 77° F and subtract .001 from the specific gravity for every degree below 77° F. Specific gravity has a direct relationship to battery cell voltage. By adding .84 to the specific gravity number, the cell voltage can be calculated. For example, an specific gravity of 1.280 + .84 = 2.12 volts. Multiply 2.12 volts x 6 (six cells for a 12 volt battery) and the result is 12.72 volts—indicating a fully charged battery.

BATTERY TESTING – DIGITAL BATTERY PRINT TESTER



Yuasa's digital battery print tester uses single load dynamic resistance technology to calculate battery performance. The test provides information on open circuit voltage, state-of-charge, both charged and discharged batteries and system check. Before testing be sure to:

- Make sure the area around battery is well ventilated while battery is being tested.
- Clean battery terminals. Be careful to keep corrosion from coming in contact with eyes.
- Inspect the battery for cracked or broken case or cover
- If battery is damaged, do not use tester.

- If the battery is not sealed maintenance free, add distilled water in each cell until battery acid reaches level specified by the manufacturer. This helps purge excessive gas from cells. Do not overfill.
- If necessary to remove battery from vehicle to test, always remove ground terminal from battery first. Make sure all accessories in the vehicle are off to ensure you do not cause any arcing.

DIGITAL BATTERY TESTER INSTRUCTIONS

- When testing a battery in a powersports vehicle, turn off the vehicle and all accessory loads. The battery will hold surface charge if the engine has been running for a while or after the battery has just been charged. For a battery in a powersports vehicle, please turn on the headlights for 30 seconds to remove the surface charge.
- Make sure the battery terminals are clean. Wire brush them if necessary. Clamp the black load lead to the vehicle negative battery terminal. Clamp the red load lead to the vehicle positive battery terminal.
- Make sure you insert 4 AA batteries into the battery chamber located on the back of the tester. Oxyride batteries are not recommended because of the initial 1.7 volt output. If the 1.5 volt battery runs out of power, screen will show “REPLACE INTERNAL BATTERY” or “POWER LOW”. Replace those 4 AA batteries before starting the test.
- You will see the battery voltage measured as connecting to battery. Press «ENTER» key

BATTERY VOLT
XX.XXV

- Press ◀▶ key to select the battery type:

- STAND
- VRLA/MF/AGM/SLA

BATTERY TYPE
STANDARD SLI

- Press «ENTER» to confirm choice

- Press ◀▶ key to input the battery capacity of AH: 2~35 Press «ENTER» to begin the test
- Press the ◀▶ key to select battery charged: Yes or No Press «ENTER» to confirm choice

When test is completed, the display shows the actual volts, SOH (state of health) or SOC (state of charge). One of six results will be displayed:

GOOD & PASS

The battery is good & capable of holding a charge.

GOOD & PASS
XX.XXV

GOOD & RECHARGE

The battery is good but needs to be recharged.

GOOD & RECHARGE
XX.XXV

RECHARGE & RETEST

Battery is discharged. The battery condition cannot be determined until it is fully charged. Recharge & retest the battery.

RECHARGE & RETEST
XX.XXV

BAD & REPLACE

The battery will not hold a charge. It should be replaced immediately.

BAD & REPLACE
XX.XXV

BAD CELL & REPLACE

The battery has at least one cell short circuit. It should be replaced immediately.

BAD CELL & REPLACE
XX.XXV

PAPER LOAD



Part No. YUABTY01PPR

LOAD ERROR

The tested battery is bigger than 200 AH, or the clamps are not connected properly. Please fully charge the battery and retest after excluding both previous reasons. If reading is the same, the battery should be replaced immediately.

LOAD ERROR

PAPER LOAD STEPS

Open the clear cover. Insert paper to the paper feeding for running the paper into printer automatically.

STEP 1

Clamp to the battery

STEP 2

Open the clear cover

STEP 3

Feed the paper into the paper slot until it runs automatically

SYSTEM CHECK

- Press «ENTER» key, you will view the screen

SYSTEM TEST
XX.XXV

- Turn off all powersports vehicle accessories such as lights, radio, etc. before starting the engine

TURN OFF ACC.
START ENGINE

- When the engine is started, one of the three results will be displayed along with the actual reading measured:

CRANKING VOLTS NORMAL

The system is showing normal draw. Press «ENTER» to perform the charging system test.

CRANKING VOLTS
XX.XXV NORMAL

CRANKING VOLTS LOW

The cranking voltage is below normal limits, troubleshoot the starter with manufacturers recommended procedure.

CRANKING VOLTS
XX.XXV LOW

CRANKING VOLTS NOT DETECTED

The cranking voltage is not detected.

CRANKING VOLTS
NOT DETECTED

- If the cranking voltage is normal, press «ENTER» to begin charging system test
- Press the «ENTER» button, you will view the screen

PRESS ENTER FOR
= CHARGING TEST =

MAKE SURE ALL
ACC. ARE OFF

- Press «ENTER» key, one of the three results will be displayed along with the actual reading measured.

LOW CHARGING VOLTS WHEN TEST AT IDLE

The alternator is not providing sufficient current to the battery. Check the connections from the alternator to the battery. If the connection is loose or heavily corroded, clean or replace the cable and retest. Contact qualified technician if condition remains the same.

ALT. IDLE VOLTS
XX.XXV LOW

CHARGING SYSTEM NORMAL WHEN TEST AT IDLE

The system is showing normal output from the alternator. No problem is detected.

ALT. IDLE VOLTS
XX.XXV NORMAL

HIGH CHARGING VOLTS WHEN TEST AT IDLE

The voltage output from the alternator to the battery exceeds the normal limits of a functioning regulator. Check to ensure there is no loose connection and the ground connection is normal. If there is no connection issue contact a qualified technician.

- Following the charging system at idle, press «ENTER» for the charging system with accessory loads. Turn on high beam headlights.

ALT. IDLE VOLTS
XX.XXV HIGH

CHARGING SYSTEM HIGH WHEN TESTED WITH ACC.

The voltage output to the battery exceeds the normal limit of a functioning regulator. Check to make sure there are no loose connections and the ground connection is correct. If there are no connection issues, replace the regulator; since most regulators are now built into the alternator this will require the alternator to be replaced.

ALT. LOADS VOLTS
XX.XXV HIGH

TURN ON LOADS
AND PRESS ENTER

CHARGING SYSTEM LOW WHEN TESTED WITH ACC.

The alternator is not providing sufficient current for the system's electrical loads and the charging current for the battery. Check the connections from the alternator to the battery, if the connections are loose or heavily corroded clean and replace the cable and retest. If the condition still exists see a qualified technician.

ALT. LOADS VOLTS
XX.XXV LOW

EXCESS RIPPLE DETECTED

One or more diodes in the alternator are not functioning or there is stator damage. Have the alternator tested and repaired or replaced.

RIPPLE DETECTED
XX.XXV HIGH

BATTERY MAINTENANCE

AGM BATTERIES do not have to be checked as often as Conventional batteries—about every three months, or three months from the date of battery activation at the factory if stored at room temperature. Higher storage temperatures cause faster self-discharge and requires that batteries be checked more often. The battery will last longer if it is 100% charged most of the time and any of the Yuasa automatic chargers will maintain a battery for optimum performance and long service life. AGM batteries have a predetermined quantity of electrolyte added at the factory or in the field specified for the battery. Once activated, the battery is permanently sealed and must never be opened. The addition of water is never required for an AGM battery. **The single most important aspect to maintaining an AGM battery is to not let it sit discharged for long periods of time—keep it fully charged for peak performance.**

CONVENTIONAL BATTERIES should be checked for state-of-charge about once per month if not used on a regular basis. Recharging may be required if the vehicle is not used for more than two weeks or if the starter turns slower than usual when starting the engine. A Conventional battery requires the periodic addition of distilled water when the electrolyte level becomes low. Water loss is normal in these batteries through the process of electrolysis and evaporation. Low electrolyte levels that expose the lead plates to the air will result in

permanent damage to the battery. Maintain the electrolyte levels above the minimum fill lines on the battery and at or below the maximum line. Clean terminals and connectors as necessary and make sure the vent tube is free of kinks or clogs. Always replace filler caps and finger-tighten only.

BATTERY STORAGE

If the vehicle is in storage or used infrequently, disconnect the battery cable to eliminate current drain from electrical equipment. Check the battery every month (for Conventional types) and every three months for AGM batteries. If open circuit voltage indicates a low state-of-charge, charge the battery. **Temperatures below 60° F or above 80° F may require more frequent inspections and/or charging.**

SULFATION AND FREEZING

The two most common reasons that batteries can become damaged are sulfation and freezing. These are not a problem if the battery is properly charged, and for Conventional batteries the water level is maintained. Battery sulfation takes place for two reasons: continuous discharging, or low electrolyte levels. When a battery discharges, the lead in the plates turn into lead sulfate. The lead sulfate is actually a crystal which grows larger when the discharge is continuous and uninterrupted. In a Conventional battery, low electrolyte levels expose the cell plates to air causing the lead material to oxidize and form sulfates.

In either case it doesn't take long before the battery won't hold a charge. Low electrolyte levels cause another problem because the acid in the electrolyte becomes more concentrated, causing the active material to corrode and fall to the bottom of the battery case. If this condition takes place over a long enough time period, the process will internally short out the battery.

Electrolyte Freezing Points

| Specific Gravity of Electrolyte | Freezing Point |
|---------------------------------|----------------|
| 1.265 | -75°F |
| 1.225 | -35°F |
| 1.200 | -17°F |
| 1.150 | +5°F |
| 1.100 | +18°F |
| 1.050 | +27°F |

A battery that is fully charged can be stored at low temperatures without freezing. This chart shows that as specific gravity (state-of-charge) decreases, the battery will freeze at a higher temperature.

For added protection, Yuasa's Yumicron and AGM batteries are treated with a special chemical formula called "Sulfate Stop." This dramatically reduces sulfate crystal buildup on cell plates resulting in longer battery life. For example, Yuasa conducted a test on two batteries; one with sulfate stop, and the other without. Both batteries were under the constant discharge of a 10-watt bulb for a week. The battery with sulfate stop was charged with a 90% recover rate. The untreated battery could not be charged enough to put it back into service.

Freezing is not a problem with a fully charged battery. However if the battery becomes discharged (and the acid in the electrolyte turns into mostly water) the electrolyte will freeze. Freezing can cause a condition called "mossing" which is indicated by small red lines on the battery plates. Freezing can also crack the battery case and buckle the plates permanently damaging the battery. A fully charged battery can be stored at subfreezing temperatures with no damage. As the chart on this page indicates, a fully charged battery will not freeze unless the temperature drops below -75° F. By contrast a discharged (dead) battery will freeze at only 27° F. That's a difference of more than 100 degrees between the low temperatures a charged and discharged battery can withstand.



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