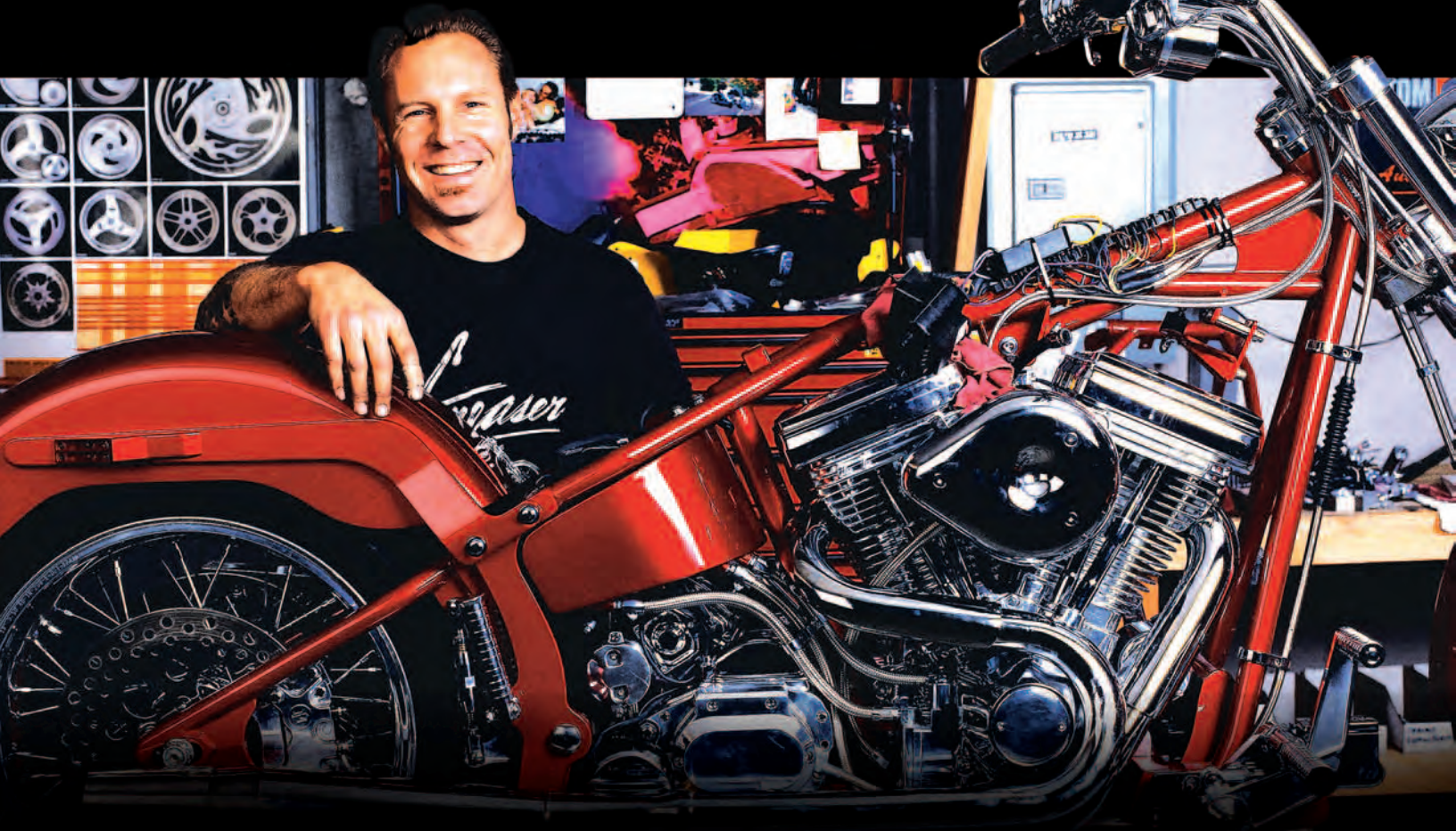


# 2010 Battery Applications & Specifications



# When serious bikers said they wanted a better battery, we listened!



## Introducing the GYZ Series next generation powersports battery.

- Heavy duty terminals - patent pending
- Flush mounted terminals - no spacers required
- Extreme vibration resistance
- Improved charge recovery
- Higher capacity
- Longer life



# YUASA

Buy online at [www.yuasabatteries.com](http://www.yuasabatteries.com)  
Our dealers will ship them directly to you or arrange for in-store pickup.

**THE FUN ALWAYS STARTS HERE**

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## DISCLAIMER

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.

# Battery Types



## Maintenance Free High Performance

If high power is top priority in a replacement battery, look to Yuasa's High Performance Maintenance Free batteries. Yuasa means more power, less maintenance and longer life. Yuasa's High Performance Maintenance Free batteries are your best choice for motorcycles, utility vehicles, scooters, ATVs, riding mowers, personal watercraft and snowmobiles.

**ALL OF THE FEATURES OF A STANDARD MAINTENANCE FREE PLUS**

**Increased Power – Up to 30% more cranking amps** thanks to a radial grid design and additional plates



## Maintenance Free VRLA

VRLA (Valve Regulated Lead Acid) means a battery that's perfect for people who have better things to do than battery maintenance! Our permanently sealed VRLA battery never needs refilling; however, it still needs periodic charging. Ideal for motorcycles, scooters, ATVs, riding mowers and personal watercraft.

**Spill-proof design** means virtually no possibility of leaks (after proper activation and cycling)\*

**Advanced lead-calcium technology** pumps up starting power

**Sulfation retardant** dramatically reduces battery-killing plate sulfation

**Long lasting** which means Yuasa's High Performance Maintenance Free batteries will last up to three times longer than conventional batteries

**Exceptional resistance to vibration** makes Yuasa the most reliable battery on the market today

**And, VRLA batteries hold voltage** longer and need less charging in standby or storage mode

**Selected types also available in Factory Activated** (filled, sealed and charged at the factory)

**\*Note, only Factory Activated Maintenance Free products are recommended for use in those applications where the battery is installed in a position other than upright.**



# YuMicron CX

For increased power, less maintenance and longer life, YuMicron CX is the battery of choice. The first motorcycle battery built on lead-calcium technology, YuMicron CX is specially designed for today's big, complex vehicles, where higher cranking power is a must. It delivers all the features of the standard YuMicron – plus...

- Unique CX design** for higher cold cranking amps
- Lead-calcium technology** reduces water loss – and servicing – by 66% compared to lead antimony
- And, CX substantially reduces self-discharge** – for longer time between charges

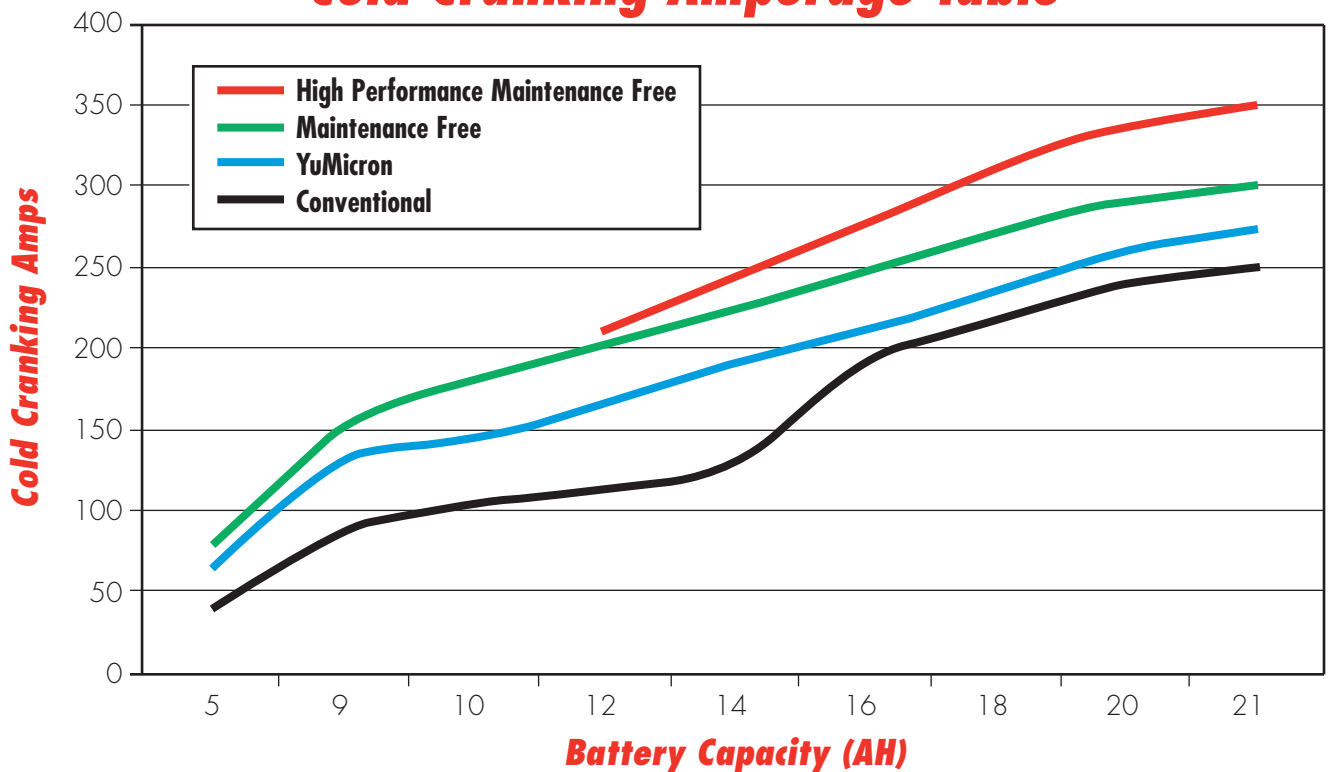


# YuMicron

Personal watercraft, snowmobiles and ATVs make special demands – and YUASA's YuMicron Battery meets them head-on. The high-tech, power-boosting design also makes YuMicron ideal for accessory-laden touring bikes and modified vehicles.

- Heavy duty glass mat** resists vibration damage
- Special thin Separator** packs in extra plates, delivers up to 30% more cranking power than conventional types
- Through-the-wall intercell connector** minimizes internal resistance, maximizes power
- Sulfate Stop** curbs plate sulfation – and provides longer life

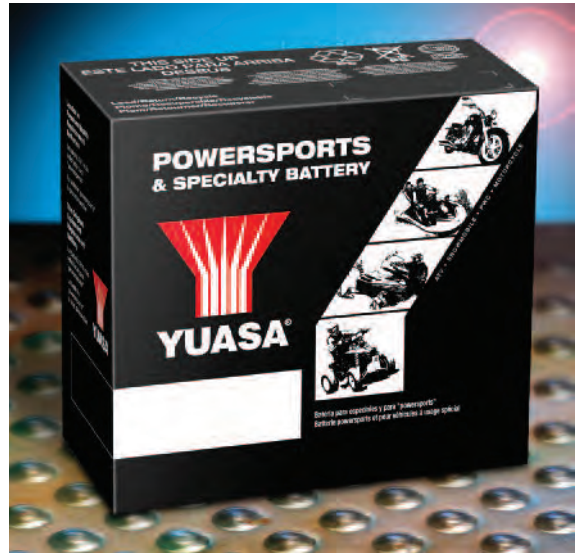
## Cold Cranking Amperage Table



# About YUASA



Yuasa Battery, Inc. has been manufacturing POWERSPORTS batteries in the United States to uncompromisingly high standards since 1979. Yuasa Battery pioneered the Maintenance Free battery in 1985. We are the largest American manufacturer and the largest distributor of batteries for motorcycles, snowmobiles, scooters, all terrain vehicles and personal watercraft.



In addition to our vast replacement business, we are the preferred original equipment supplier to most of these same markets. By producing batteries that generate more power, last longer, and require minimum maintenance, Yuasa Battery, Inc. has achieved a leadership position in small engine starting batteries. Continuous research and development, along with unwavering standards of manufacturing quality, will help maintain our position as market leader around the world.

## New Products

GYZ20HL High Performance Battery



### Next Generation Powersports Battery

- Heavy duty terminals – patent pending
- Flush mount terminals – no spacers required
- Extreme vibration resistance
- Improved charge recovery
- Higher capacity
- Longer life
- See page 9 for product details.

10-Bank Battery Maintainer



- Charge up to 10 batteries at a time
- 5-stage maintenance/float charge
- Prequalification battery test
- Built in timer for battery protection

# FEATURES AND BENEFITS

Component	Features	Benefits
Cast Grid	Special Grid Design	Severe vibration resistance & improved conductivity
Active Material	Proprietary Formulation	Reduced shedding, maximum utilization, & long service life
Pasted Plates	Specified Thickness & Weight	Ensures vibration resistance through precise compression & proper service life through specified active material balance
Dried-Charged Plates	Tank Formed & Dried Plates	Properly dried plates in a sealed battery have a virtually limitless shelf-life, while still retaining 70-80% state of charge when initially filled with acid
Top Lead Connections	Through-Partition Construction, Large Straps	Shorter current path for increased electrical conductivity & higher starting currents, heavier parts for maximum durability
Case-Cover Seal	Thermal Bonded Plastic	Air tight seal to prevent air ingress & acid seepage
Terminal- Cover Seal	Patented Poly-Seal Terminal	Eliminates acid seepage, reduces corrosion, & extends battery life
Case & Cover	Polypropylene	Superior resistance to gasoline & 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
<b>YuMicron</b>		
Separator	Leaf or Envelope Separator	Polyethylene with glass mat sheet bonded for compression to withstand severe vibration conditions
<b>YTX</b>		
Separator	Absorbed Glass Mat	Absorbs acid while creating cell compression for extreme vibration resistance
Top Lead Alloy	Calcium Alloy	Increased weld strength & severe vibration resistance
Vent System	Valve & Flame Arrestor	Valve relieves excess pressure to prevent bursting, flame arrestor frit prevents internal combustion
<b>High Performance Maintenance Free</b>		
Grid System	Computer-Designed Radial Grids	Increased conductivity for higher starting wattage, increased vibration resistance
Separator	Puncture Resistant AGM Material	High puncture resistant separator for increased service in high vibration applications

# TERMINAL CONFIGURATIONS

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.

Terminal				Battery Type							
Type	Front	Side	Top								
<b>1</b>				YB14L-A1 YTX16-BS-1							
<b>2</b>				YB9L-A2 12N5.5-4A		YB16AL-A2					
<b>3</b>				YB7C-A 12N24-3		Y60-N24AL-B 12N24-3A		Y60-N24-A			
<b>4</b>				YB12C-A YTX14L-BS YTX20CH-BS YTX20HL-BS-PW		YB16B-A YTX14H-BS YTX20-BS YTX24HL-BS		Y50-N18L-A3 YTX14AH-BS YTX20L-BS GYZ20L		YB30L-B YTX14AHL-B YTX20H-BS	YB30CL-B YTX15L-BS YTX20HL-BS
<b>5</b>				YTX4L-BS YTX9-BS YTX16-BS YB4L-A		YTX5L-BS YT12A-BS YB4L-B		YTZ7S YTX12-BS YB16C-B		YTX7A-BS KMX14-BS YB16CL-B	YTX7L-BS YTX14-BS YIX30L-BS
<b>6</b>				YB3L-A YB7L-B YB12A-A YB16-B-CX 12N5-3B 12N7-4A 12N9-4B-1 6N6-3B B39-6		YB3L-B YB9A-A YB12AL-A YB16L-B YB16HL-A-CX 12N5-4B 12N7-4B 12N10-3A 6N6-3B-1 B54-6		YB5L-B YB9-B YB12A-B YB16HL-A-CX 12N5.5-3B 12N7D-3B 12N10-3A-1 6N11A-1B B38-6A		YB7-A YB9L-B YB14A-A1 SYB16L-B 12N5.5A-3B 12N9-3A-1 12N12A-4A-1 6N11-2D	YB7B-B YB10L-B YB16-B 12N7-3B 12N9-3B 6N12A-2D
<b>7</b>				HYB16A-AB Y50-N18A-A		YB16B-A1** Y50-N18L-A		YB18-A Y50-N18L-A-CX		YB18L-A SY50-N18L-AT	
<b>8</b>				YB10A-A2 YB12B-B2 SYB14L-A2 12N10-3A-2		YB10L-A2 YB14-A2 YB14-B2 12N11-3A-1		YB10L-B2 YB14A-A2 YB14L-B2 12N14-3A		YB12AL-A2* YB14L-A2	
<b>9</b>				YHD-12H 12N9-3A							
<b>10</b>				51814		51913		53030			
<b>11</b>				YT9B-BS YT7B-BS		YTZ10S YTR9-BS		YTZ12S YT12B-BS		YTZ14S	YT14B-BS
<b>12</b>				YTR4A-BS							
<b>13</b>				YT4B-BS							

\*\* Includes terminal adaptor for converting to side mount.

\* Includes terminal adaptor for converting to top mount.

# HARDWARE

Part No.	Description	Fits	
479100 <i>Replaces 5BNBSBA12</i>	12mm Stainless Steel Bolt & Nut Set <i>Brass Version</i>	YTX14AH-BS YTX14AHL-BS YTX9-BS Y50N18L-A3	YTX12-BS YTX14-BS
479101 <i>Replaces 5BNBLDTN6</i>	12mm Stainless Steel Bolt & Nut Set <i>Brass Version</i>	<i>Use only with top mount cables for:</i> YTX15L-BS YTX20(H)-BS YTX20(H)L-BS	
478030	20mm, 12mm Stainless Steel Bolt, Nut, Washer, Brass Spacer Set	<i>Use with front or top mount cables for:</i> YTX15L-BS YTX20(H)-BS YTX20(H)L-BS YIX30L-BS	
5POLSS16M	16mm Stainless Steel Bolt, Nut, Washer Set	YTX20L-BS YTX20HL-BS	<i>(Polaris Victory only)</i>
5BNBSS14M	14mm Stainless Steel Bolt & Nut Set	YHD-12H YB14L-A1 HYB16A-AB YB16L-B	YB18A YB18L-A Y50-N18L-A SY50-N18L-A
5BNBSS22M	22mm Stainless Steel Bolt & Nut, Brass Spacer Set	YB16-B YB16-B-CX YB16L-B <i>(Arctic Cat units only)</i> YB16HL-A-CX	
479102 <i>Replaces 5BNBLDREP</i>	14mm Stainless Steel Bolt & Nut Set	YB16CL-B YB16C-B	
5BNBSSF6M	11mm Stainless Steel Bolt & Nut Set	12N7-3B 12N7-4A 12N7-4B 12N9-3B 12N9-3A-1 12N9-4B-1 12N12A-4A-1 12N14-3A YB7-A YB7B-B YB9-B YB9A-A YB9L-B	YB10A-A2 YB10L-A2 YB10L-B YB10L-B2 YB12A-A YB12A-B YB12AL-A YB14-A2 YB14A-A1 YB14A-A2 YB14-B2 YB14L-B2 YB14L-A2 YB16AL-A2
478651	Battery Terminal Cover Kit	YTX20(H)-BS <i>for Harley-Davidson models:</i> <i>1991-1996 Dyna Glide</i> <i>1991-1996 Softail</i> <i>1984-1990 Softail</i> <i>1979-1996 Sportster</i> <i>1982-1994 FXR Models</i>	YTX20(H)L-BS
479104	20mm, 12mm, Stainless Steel Bolt, Nut, Washer, Brass Spacer Set	<i>Use with front or top mount cables for:</i> YTX14L-BS	

# BATTERY UPGRADE CROSS REFERENCE CHART

FACTORY ACTIVATED MAINTENANCE FREE	HIGH PERFORMANCE MAINTENANCE FREE	MAINTENANCE FREE VRLA	YUMICRON CX	YUMICRON	CONVENTIONAL
-	-	-	-	6YB11-2D	6N11-2D
-	YTX4L-BS	YT4L-BS (Discontinued)	-	YB4L-A, YB4L-B	-
YTZ7S	YTX5L-BS	YT5L-BS (Discontinued)	-	-	-
-	-	-	-	YB5L-B	12N5-3B
-	-	-	-	YB7L-B	12N7-3B
-	-	-	-	YB7-A	12N7-4A
-	-	-	-	YB9-B	12N9-4B-1
-	-	-	-	YB9L-B	12N9-3B
-	-	-	-	YB10L-A2	12N10-3A-2
-	-	-	-	YB12A-A	12N12A-4A-1
YTX14H	YTX14H-BS	YTX14-BS	-	-	-
YTX14AH	YTX14AH-BS	-	-	YB14-A2, YB14-B2	-
YTX14AH †††	YTX14AH-BS †††	-	-	YB14A-A1, YB14A-A2	-
YTX14AHL	YTX14AHL-BS	-	-	YB14L-A2	12N14-3A
YTX14AHL	YTX14AHL-BS	-	-	YB14L-B2	-
-	YTX20CH-BS	YTX16-BS	-	-	-
YTX20H, YTX20 ‡	YTX20H-BS ‡	YTX20-BS ‡	YB16-B-CX	YB16-B	-
YTX20H, YTX20 ‡	YTX20H-BS ‡	YTX20-BS ‡	-	YB18-A	-
YTX20HL-PW <sup>S</sup>	YTX20HL-BS-PW <sup>S</sup>	-	-	YB16CL-B	-
YTX20HL, YTX20L <sup>C</sup>	YTX20HL-BS <sup>C</sup>	YTX20L-BS <sup>C</sup>	YB16HL-A-CX	-	-
YTX20HL, YTX20L ‡	YTX20HL-BS ‡	YTX20L-BS ‡	-	YB16L-B	-
YTX20HL, YTX20L ‡	YTX20HL-BS ‡	YTX20L-BS ‡	-	YB18L-A	-
GYZ20L	YTX20HL-BS ‡	YTX20L-BS	-	-	-
YTX24HL ††	YTX24HL-BS ††	-	Y50-N18L-A-CX	Y50-N18L-A	-
YTX24HL	YTX24HL-BS	-	-	Y50-N18L-A3	-
YTX24HL †† (1)	YTX24HL-BS †† (1)	-	-	SY50-N18L-AT	-
YIX30L	YIX30L-BS	-	-	YB30L-B	-
YIX30L	YIX30L-BS	-	-	53030	Y60-N24L-B(Disc.)

VRLA Valve Regulated Lead Acid.

††† Includes 10mm spacer for use in replacing YB14A-A1 and YB14A-A2.

<sup>S</sup> Includes 20mm spacer for use in replacing YB16CL-B.

<sup>C</sup> Requires use of Yuasa Cover/Spacer Kit, see part no. 478651.

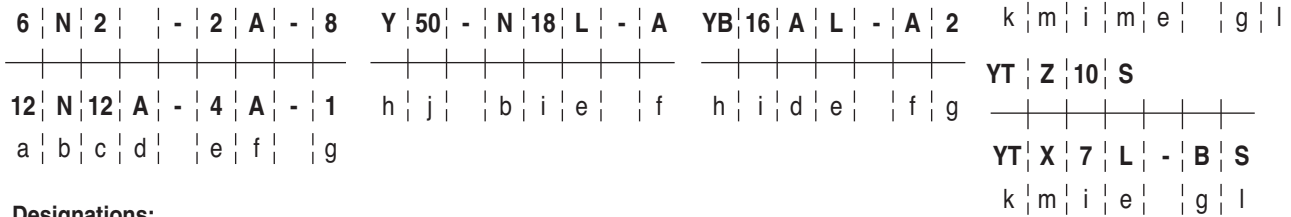
‡ The YTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary. See battery label for retrofit cautions.

†† Top and front terminal mounts only.

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

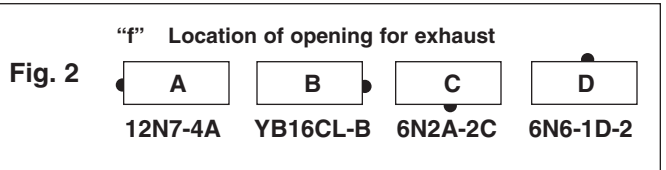
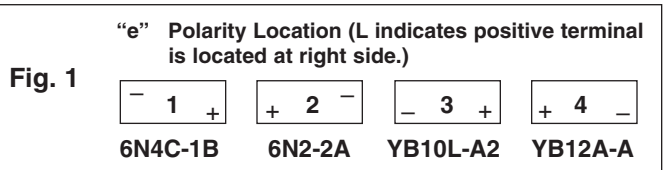
## Designation of Battery Type Numbers

Examples:



Designations:

- a - nominal voltage
- b - vented type (normal type)
- c - battery capacity at 10 hour rate
- d - indication of different size of the same capacity batteries
- e - polarity location (see Fig. 1), configuration
- f - location of opening for exhaust (see Fig. 2)
- g - type of terminal
- h - symbol of YuMicron batteries
- i - performance level
- j - cranking or starting power
- k - symbol of Yuasa maintenance free (VRLA) batteries (YT, YI)
- l - sealed, non-spillable
- m - high performance



## Metric Conversion Chart

1 inch = 25.4 millimeters	1 millimeter = .04 inches
1 ounce = .03 liters	1 liter = 33.8 ounces
1 pound = .45 kilograms	1 kilogram = 2.2 pounds

# High Performance Maintenance Free

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT W/O ACID LBS	TERMINAL TYPE	ACID VOLUME (LITER)	REGULAR CHARGE CURRENT (AMP)	C.C.A. @ 0°F (-18°C)	
		L	W	H	L	W	H							
<b>YTX14AH-BS</b> †††	<b>FA</b>	12	5 5/16	3 1/2	6 9/16	134	89	166		9.0	4	0.66	1.2	210
<b>YTX14AHL-BS</b>	<b>FA</b>	12	5 5/16	3 1/2	6 9/16	134	89	166		9.0	4	0.66	1.2	210
<b>YTX14H-BS</b>	<b>FA</b>	12	6	3 7/16	5 3/4	150	87	145		8.6	4	0.69	1.2	240
YTX20CH-BS		18	6	3 7/16	6 3/8	150	87	161		11.0	4	0.82	1.8	270
<b>YTX20H-BS</b>	<b>FA</b>	18	6 7/8	3 7/16	6 1/8	175	87	155		12.4	4	0.93	1.8	310
<b>YTX20HL-BS</b>	<b>FA</b>	18	6 7/8	3 7/16	6 1/8	175	87	155		12.4	4	0.93	1.8	310
<b>YTX20HL-BS-PW</b>	<b>FA</b>	18	6 7/8	3 7/16	6 7/8 <sup>s</sup>	175	87	175 <sup>s</sup>		12.4	4	0.93	1.8	310
<b>YTX24HL-BS</b>	<b>FA</b>	21	8 1/8	3 7/16	6 3/8	205	87	162		14.4	4	1.08	2.1	350
<b>YIX30L-BS</b>	<b>FA</b>	30	6 9/16	5	6 7/8	166	126	175		22.0	5	1.40	3.0	385

# Factory Activated Maintenance Free

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT WITH ACID LBS	TERMINAL TYPE (REFER TO PAGE 6)	ACID VOLUME (LITER)	REGULAR CHARGE CURRENT (AMP)	C.C.A. @ 0°F (-18°C)
		L	W	H	L	W	H						
YTZ7S	6	4 7/16	2 3/4	4 1/8	113	70	105		4.6	5	N/A	0.6	130
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
GYZ20L (GYZ®)	20	6 7/8	3 7/16	6 1/8	175	87	155		15.2	4	N/A	2.0	270
<b>* NEW</b> GYZ20HL (GYZ®)	20	6 7/8	3 7/16	6 1/8	175	87	155		15.7	*NEW	N/A	2.0	310

\* See page 4

# Maintenance Free

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT W/O ACID LBS	TERMINAL TYPE (REFER TO PAGE 6)	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		2.0	12	0.14	0.3	45	
YT4B-BS	2.3	4 1/2	1 9/16	3 7/16	114	39	86.5		2.1	13	0.12	0.3	40	
YTX4L-BS	3	4 1/2	2 13/16	3 3/8	114	71	86		2.9	5	0.18	0.4	50	
YTX5L-BS	4	4 1/2	2 13/16	4 3/16	114	71	106		3.5	5	0.24	0.5	80	
YT7B-BS	6.5	6	2 9/16	3 11/16	150	65	93		5.0	11	0.33	0.7	120	
YTX7A-BS	6	6	3 7/16	3 3/4	150	87	94		5.3	5	0.33	0.7	105	
YTX7L-BS	6	4 1/2	2 13/16	5 3/16	114	71	131		5.1	5	0.33	0.6	100	
YT9B-BS	8	6	2 3/4	4 1/8	150	70	105		7.5	11	0.40	0.8	115	
<b>YTX9-BS</b>	<b>FA</b>	8	6	3 7/16	4 3/16	150	87	105		5.4	5	0.40	0.9	135
YT12A-BS	9.5	6	3 7/16	4 3/16	150	87	105		6.3	5	0.47	1.0	175	
YT12B-BS	10	6	2 3/4	5 1/8	150	69	130		7.6	11	0.52	1.0	215	
<b>YTX12-BS</b>	<b>FA</b>	10	6	3 7/16	5 1/8	150	87	130		7.5	5	0.60	1.2	180
KMX14-BS <sup>k</sup>	12	6	3 7/16	5 3/4	150	87	145		8.1	5	0.69	1.4	200	
YT14B-BS	12	6 1/8	2 3/4	5 3/4	150	70	145		10.1	11	0.60	1.2	210	
<b>YTX14-BS</b>	<b>FA</b>	12	6	3 7/16	5 3/4	150	87	145		8.1	5	0.69	1.4	200
<b>YTX14L-BS</b>	<b>FA</b>	12	6	3 7/16	5 3/4	150	87	145		8.1	5	0.69	1.4	200
YTX15L-BS	13	6 7/8	3 7/16	5 1/8	175	87	130		8.8	4	0.69	1.3	230	
YTX16-BS	14	6	3 7/16	6 3/8	150	87	161		10.3	4	0.78	1.4	230	
YTX16-BS-1	14	6	3 7/16	6 3/8	150	87	161		10.3	1	0.78	1.4	230	
<b>YTX20-BS</b>	<b>FA</b>	18	6 7/8	3 7/16	6 1/8	175	87	155		11.2	4	0.93	1.8	270
<b>YTX20L-BS</b>	<b>FA</b>	18	6 7/8	3 7/16	6 1/8	175	87	155		11.2	4	0.93	1.8	270

**FA** Also available Factory Activated. Drop “-BS” from part no.

††† Includes 10mm spacer for additional height required in replacing YB14A-A1 and YB14A-A2.

<sup>s</sup> Height with 20mm spacer included for use in replacing YB16CL-B.

<sup>k</sup> Available at Kawasaki dealers only.

# Yumicron CX

# BATTERY SPECIFICATIONS

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT W/O ACID LBS	TERMINAL TYPE (REFER TO PAGE 6)	ACID VOLUME (OZ)	REGULAR CHARGE CURRENT (AMP)
		L	W	H	L	W	H					
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
Y50-N18L-A-CX	20	8 1/8	3 9/16	6 3/8	205	90	162		11.2	7	47.3	2.0

# Yumicron

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT W/O ACID LBS	TERMINAL TYPE (REFER TO PAGE 6)	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
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	3	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 w/s †	12	5 5/16	3 3/16	6 5/16	134	80	160		6.8	6	27.0	1.2
YB12A-A w/TA **	12	5 5/16	3 3/16	6 5/16	134	80	160		6.8	6	27.0	1.2
YB12AL-A w/TA 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

† When ordering this battery, specify sensor  
 \* Includes **terminal adaptor** for converting to top mount  
 \*\* When ordering this battery, specify **terminal adaptor**  
 D Discontinued, use YB12AL-A2

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT W/O ACID LBS	TERMINAL TYPE (REFER TO PAGE 6)	ACID VOLUME (OZ)	REGULAR CHARGE CURRENT (AMP)
		L	W	H	L	W	H					
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 3/16	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
YB14L-A2	14	5 5/16	3 1/2	6 9/16	134	89	166		7.6	8	30.4	1.4
YB14L-A2 w/s †	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
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	47.3	2.0
Y50-N18L-A3	20	8 1/8	3 9/16	6 3/8	205	90	162		11.2	4	47.3	2.0
SY50-N18L-AT #	20	8 1/8	3 9/16	6 3/8	205	90	162		11.2	7	47.3	2.0
Y60-N24-A	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

† When ordering this battery, specify sensor  
 # This battery includes a **sensor**  
 \* YB16B-A1 Includes **terminal adaptor** for converting to side mount  
 \*\*\* @ 20 hr. rate

D1 Discontinued, use YB14L-B2  
 D2 Discontinued, use YB16L-B  
 D3 Discontinued, use 53030

# BATTERY SPECIFICATIONS

## Conventional

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT W/O ACID LBS	TERMINAL TYPE (REFER TO PAGE 6)	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 <sup>D4</sup>	9	5 5/16	3	5 1/2	135	75	139		5.4	6	20.3	0.9
12N9-3B	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 <sup>D5</sup>	10	5 5/16	3 9/16	5 3/4	135	90	145		6.4	6	27.0	1.0
12N10-3A-1 <sup>D5</sup>	10	5 5/16	3 9/16	5 3/4	135	90	145		6.4	6	27.0	1.0
12N10-3A-2	10	5 5/16	3 9/16	5 3/4	135	90	145		5.8	8	27.0	1.0
12N11-3A-1	11	5 5/16	3 9/16	6 1/8	135	90	155		7.5	8	27.0	1.1
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	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	74.4	2.8

**D4** Discontinued, use YB9L-A2

**D5** Discontinued

# BATTERY SPECIFICATIONS

## Conventional

6 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS – INCHES (± 1/16 IN)			DIMENSIONS – MILLIMETERS (± 2 MM)			ASSEMBLY FIGURE (AS PER COVER POLARITY)	WEIGHT W/O ACID LBS	TERMINAL TYPE (REFER TO PAGE 6)	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	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-3	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
6N5.5-1D-1 D5	5.5	3 9/16	2 3/4	3 15/16	90	70	100		1.8	-	10.1	0.6
6N6-1B	6	3 7/8	2 1/4	4 3/8	99	57	111		2.0	-	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 D5	6	3 7/8	2 1/4	4 3/8	99	57	111		2.0	-	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
B39-6	7	4 15/16	1 7/8	4 15/16	126	48	126		2.8	6	10.1	0.7
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	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	8	4 3/4	2 3/4	3 3/4	120	70	95		3.0	6	10.5	0.8
6YB11-2D	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

D5 Discontinued

# BATTERY SUPPLIER CROSS REFERENCE

Yuasa	EXIDE	Deka	Delco	Interstate	GS-Zlong Yee	GS-JSB	Motocross	NAPA	Sears	Wal-Mart	Yacht
Premium Maintenance Free											
YTR4A-BS	-	-	-	CYTR4A-BS	GTR4A-5	-	M62R4A	-	-	-	-
YT4B-BS	-	-	-	CYT4B-BS	GT4B-5	-	M62T4B	-	-	-	-
YTX4L-BS	4L-BS	-	GT4L-BS	CYTX4L-BS	GT4L-BS	-	M62X4B	740-1865	44015	ES4LBS	CT4L-BS
YTX5L-BS	5L-BS	-	GTX5L-BS	CYTX5L-BS	GTX5L-BS	-	M32X5B	-	44022	-	-
YTX7A-BS	7A-BS	-	-	CYTX7A-BS	GTX-7A-BS	-	M32X7A	-	44023	-	CTX7A-BS
YT7B-BS	-	-	-	CYT7B-BS	GT7B-4	-	M62T7B	-	-	-	-
YTX7L-BS	7L-BS	-	-	CYTX7L-BS	-	GTX7L-BS	M327BS	-	44024	-	CTX7L-BS
YTZ7S	-	-	-	FAYTZ7S	GT6B-3	-	M727ZS	-	-	-	-
YTX9-BS	9-BS	ETX9	GTX9-BS	CYTX9-BS	GTX9-BS	-	M329BS	740-1825	44025	-	CTX9-BS
YT9B-BS	-	-	-	CYT9B-BS	GT9B-4	-	M629B4	-	-	-	-
YTZ10S	-	-	-	FAYTZ10S	-	-	M7210A	-	-	-	-
YTX12-BS	12-BS	ETX12	GTX12-BS	CYTX12-BS	GTX12-BS	-	M3RH2S	740-1866	44016	ES12BS	CTX12-BS
YT12B-BS	-	-	-	CYT12B-BS	GT12B-4	-	M6212B	-	-	-	-
YTZ12S	-	-	-	FAYTZ12S	-	-	M7212A	-	-	-	-
YTX14-BS	14-BS	ETX14	GTX14-BS	CYTX14-BS	GTX14-BS	-	M3RH4S	740-1886	44017	ES14BS	CTX14-BS
YTX14AH-BS	-	ETX15	-	CYTX14AH-BS	-	-	M62H4A	-	44004	-	-
YTX14AHL-BS	-	ETX15L	-	CYTX14AHL-BS	-	-	M62H4L	-	44005	-	-
YT14B-BS	-	-	-	CYT14B-BS	GT14B-4	-	M624B4	-	-	-	-
YTX14L-BS	-	-	-	CYTX14L-BS	-	-	-	-	-	-	-
YTZ14S	-	-	-	FAYTZ14S	-	-	M72Z14	-	-	-	CTX20L-BS
YTX15L-BS	-	-	-	CYTX15L-BS	-	-	M6215L	-	44162	-	-
YTX16-BS	-	-	-	CYTX16-BS	-	-	M32X6S	-	-	-	-
YTX20-BS	16-BS	ETX16	TBA	CYTX20-BS	GT16-BS	-	M32RBS	TBA	44028	-	-
YTX20CH-BS	-	-	-	CYTX20CH-BS	-	-	M6220C	-	-	-	-
YTX20L-BS	16L-BS	ETX16L	TBA	CYTX20L-BS	GT16L-BS	-	M320BS	TBA	44027	-	-
YTX20L-BS	20L-BS	ETX20L	TBA	CYTX20L-BS	GTX20L-BS	-	M320BS	TBA	44027	-	CTX20L-BS
YTX24HL-BS	18L-BS	ETX18L	TBA	CYTX24HL-BS	GTX18L-BS	-	M6250H	TBA	44006	-	-
YIX30L-BS	-	-	-	FAYIX30L	-	YGIX30	M7230L	-	-	-	-

# BATTERY SUPPLIER CROSS REFERENCE (continued)

Yuasa	EXIDE	Deka	Delco	Interstate	GS-Ztong Yee	GS-JSB	Motocross	NAPA	Sears	Wal-Mart	Yacht
<b>Premium</b>											
YB2.5L-C	2.5L-C	-	-	YB2.5L-C	CB2.5L-C	GM2.5A-3C-3	M325LC	-	44035	-	CB2.5L-C
YB2.5L-C-1	2.5L-C-1	-	-	YB2.5L-C-1	CB2.5L-C-1	GM2.5A-3C-1	M32LC1	-	44036	-	CB2.5L-C-1
YB3L-A	3L-A	-	-	YB3L-A	CB3L-A	GM3-3A	M323LA	-	44037	-	CB3L-A
YB3L-B	3L-B	-	-	YB3L-B	CB3L-B	GM3-3B	M223LB	-	44038	-	CB3L-B
YB4L-A	4L-A	-	-	YB4L-A	CB4L-A	GM4A-3B	M224LA	-	44039	-	CB4L-A
YB4L-B	4L-B	-	MC0414	YB4L-B	CB4L-B	GM4-3B	M324LB	740-1861	44014	-	CB4L-B
YB5L-B	5L-B	-	-	YB5L-B	CB5L-B	GM5Z-3B	M325LB	740-1868	44353	-	CB5L-B
YB7-A	7-A	-	-	YB7-A	CB7-A	GM7Z-4A	M227AY	-	44040	-	CB7-A
YB7C-A	7C-A	-	-	YB7C-A	-	GM7CZ-3D	M227CY	M227CY	44041	-	CB7C-A
YB7L-B	7L-B	-	-	YB7L-B	CB7L-B	GM7-3B-1	M2273Y	-	44042	-	CB7L-B
YB9A-A	9AA	-	CB9A-A	YB9A-A	CB9A-A	GM9AZ-4A	M329AY	740-1872	44043	-	CB9A-A
YB9L-A2	9L-A2	-	-	YB9L-A2	CB9L-A2	-	M2292Y	-	44044	-	CB9L-A2
YB9-B	9-B	-	-	YB9-B	CB9-B	GM9Z-4B	M329BY	740-1858	44356	-	CB9-B
YB9L-B	9LB	-	-	YB9L-B	CB9L-B	GM9Z-3B	M329LY	740-1837	44045	-	CB9L-B
YB10A-A2	10A-A	-	-	YB10A-A2	CB10A-A	-	M321AY	-	44046	-	CB10A-A
YB10L-A2	10LA2	-	MC1114	YB10L-A2	CB10L-A2	GM10Z-3A	M3210Y	740-1857	44355	ES10LA2	CB10L-A2
YB10L-B	10L-B	-	-	YB10L-B	CB10L-B	GM10-3B	M321LB	740-1831	44047	-	CB10L-B
YB10L-B2	10L-B2	-	-	YB10L-B2	CB10L-B2	-	M221L2	740-1832	44048	-	-
YB12A-A	12AA	-	MC1216	YB12A-A	CB12A-A	GM12AZ-4A-1	M3212Y	740-1854	44358	ES12AA	CB12A-A
YB12AL-A	12AL-A	-	-	YB12AL-A	CB12AL-A	GM12AZ-3A-1	M3221Y	740-1873	44052	-	CB12AL-A
YB12A-B	12A-B	-	-	YB12A-B	-	-	M222AB	-	44053	-	CB12A-B
YB12B-B2	12B-B2	-	-	YB12B-B2	CB12B-B2	GM12B-4B	M221B2	-	44054	-	CB12B-B2
YB12C-A	12C-A	-	-	YB12C-A	-	GM12CZ-4A-2	M222CA	-	44055	-	CB12C-A
YB14-A2	14-A2	-	-	YB14-A2	CB14-A2	GM14Z-4A	M3214H	740-1864	44363	-	CB14-A2
YB14A-A1	14AA1	-	-	YB14A-A1	CB14A-A	GM14AZ-4A	M224A1	740-1826	44056	-	CB14A-A1
YB14A-A2	14AA2	-	MC1418	YB14A-A2	CB14A-A2	GM14AZ-4A-1	M3214A	740-1860	-	ES14AA2	CB14A-A2
YB14L-A1	14L-A1	-	-	YB14L-A1	CB14L-A1	GM14Z-3A-1	M22141	-	44057	-	CB14L-A1
YMF14L-2 *	14L-2	-	-	-	-	-	-	-	-	-	-
YB14L-A2	14L-A2	-	MC1406	YB14L-A2	CB14L-A2	GM14Z-3A	M3214Y	740-1851	44364	ES14L-A2	CB14L-A2
YB14L-B2	14L-B2	-	-	YB14L-B2	CB14L-B2	GM14Z-3B	M2214B	740-1828	44059	-	CB14L-B2
YB14-B2	14-B2	-	-	YB14-B2	CB14-B2	-	M224B2	-	44060	-	CB14-B2
SYB14L-A2	14LA2	-	-	SYB14L-A2	SCB14-LA2	-	M2214S	-	44061	-	SCB14-LA2
SYB14L-B2	14-LB2	-	-	SYB14L-B2	SCB14-LB2	-	M22B4S	-	44062	-	SCB14-LB2
YB16AL-A2	16ALA2	-	CB16AL-A2	YB16AL-A2	CB16AL-A2	GM16A-3A	M32162	740-1877	44063	-	CB16AL-A2
HYB16A-AB	16AA	-	-	HYB16A-AB	HCB16A-A	GM16-T	M32H6B	740-1867	44064	-	HCB16A-A
YB16-B	16B	-	MC1912	YB16-B	CB16-B	GM16Z-4BH	M3216Y	740-1852	44366	ES16B	CB16-B
YB16L-B	16LB	-	-	YB16L-B	CB16L-B	GM16Z-3B	M3216K	740-1827	44065	-	CB16L-B
YB16-B-CX	16B-LM	-	-	YB16-B-LM	GT16-BS	-	M3216C	-	44029	-	CB16-B-LM
YB16HL-A-CX	16HL-A-LM	-	-	YB16HL-A-LM	GT16L-BS	-	M2H16C	-	-	-	CB16HL-A-LM
YB16B-A	16B-A	-	-	YB16B-A	-	GM16B-4A	M2216B	-	44066	-	CB16B-A
YB16B-A1	16B-A1	-	-	YB16B-A1	-	-	M22161	-	44067	-	CB16B-A1
YB16C-B	16C-B	-	-	YB16C-B	-	-	M326CB	-	44068	-	-
YB16CL-B	16CLB	-	M1924	YB16CL-B	CB16CL-B	GM16AZ-3B	M3S6CL	740-1862	44001	ES16CLB	CB16CL-B
SYB16L-B	16L-B	-	-	SYB16L-B	SCB16L-B	-	M22S6A	-	44069	-	SCB16L-B
YB18-A	18-A	-	-	YB18-A	CB18-A	GM18A-4A	M321Y	740-1874	44070	-	CB18-A
YB18L-A	18LA	-	-	YB18L-A	CB18L-A	GM18A-3A	M3218L	740-1871	44071	-	CB18L-A
Y50-N18A-A	50-N18A-A	-	-	Y50-N18A-A	-	-	M228AY	-	44072	-	C50-N18A-A
Y50-N18L-A	50N18LA2	-	MC2008	Y50-N18L-A	C50-N18L-A3	GM18Z-3A(S)	M3218Y	-	-	ES50N-N18L-A	SCB50-N18L-A
Y50-N18L-A3	50N18LA3 **	-	-	Y50-N18L-A3	C50-N18L-A3	-	M328A3	740-1855	44359	-	C50-N18L-A3
Y60-N24-A	60-N24-A	-	-	Y60-N24-A	C60-N24L-A	-	M2224A	-	44074	-	C60-N24-A
Y60-N24AL-B	60-N24AL-B	-	-	Y60-N24AL-B	-	-	M2224B	740-1880	44075	-	C60-N24AL-B

\* Superseded by YTX14AHL-BS

\*\* EXIDE's 50N18LA2 replaces 50N18LA3



# MOTORCYCLE APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>APRILIA</b>							<b>BIMOTA (continued)</b>						
1000	ETV Caponard	'02-'03	YTX14H-BS*	YTX14-BS	-	-	1000	YB8/YB10	'92-'95	YTX144HL-BS*	-	YB14L-A2	-
	RST Futura	'01-'04	-	YTX12-BS	-	-		YB11	'96-'99	-	YTX12-BS	-	-
	RSV 1000 Mille SP	'99	-	YTX12-BS	-	-	996	SB8R, SB8RS	'98-'00	-	YTX12-BS	-	-
	RSV 1000 R, Factory	'04-'10	-	YTX12-BS	-	-	900	DB2	'93-'95	YTX144HL-BS*	-	YB14-A2*	-
	RSV 1000 Mille R	'01-'05	-	YTX12-BS	-	-		DB2 Final Edition	'97	YTX144HL-BS*	-	YB14-A2*	-
	RSV 1000 Mille	'01-'09	-	YTX12-BS	-	-		DB3 Mantra	'97-'99	-	YTX7L-BS(x2)	-	-
	RSV 1000 Mille	'00	-	YTX12-BS	-	-		DB4	'98-'00	-	Not available	-	-
	Tuono 1000 R, Factory	'03-'10	-	YTX12-BS	-	-		Tesi	'91-'95	YTX144HL-BS*	-	YB14-A2*	-
	SL Falco	'01-'03	YTX14H-BS*	YTX14-BS	-	-	<b>BMW</b>						
850	MANA850, GT	'09-'10	YTX14H-BS*	YTX14-BS	-	-	1300	K1300GT	'09-'10	-	-	51913	-
750	Shiver	'09-'10	YTX14H-BS*	YTX14-BS	-	-		K1300R, S	'09-'10	YTX14H-BS*	YTX14-BS	-	-
	Dorsoduro	'09-'10	YTX14H-BS*	YTX14-BS	-	-	1200	K1200R, S	'05-'09	YTX14H-BS*	YTX14-BS	-	-
650	Pegaso	'00	-	-	YB12AL-A	-		R1200GS, S, R	'05-'10	YTX14H-BS*	YTX14-BS	-	-
	Pegaso Strada, Factory, Trail	'09-'10	-	YTX12-BS	-	-		K1200LT, GT	'05-'09	-	-	51913	-
550	RXV550	'-10	-	YTX7A-BS	-	-		R1200RT	'05-'10	-	-	51913	-
	SVX550	'-10	-	YTX7A-BS	-	-		K1200LT, GT, RS, S	'99-'05	-	-	51913	-
500	Scarabeo	'04-'05	YTX144HL-BS	-	-	-		K1200RS	'97-'05	-	-	51913	-
	Atlantic	'03-'05	YTX144HL-BS	-	-	-		R1200C	'98-'05	-	-	51913	-
450	RXV450	'-10	-	YTX7A-BS	-	-		HP2 Sport/Megamoto	'-10	YTX14H-BS*	YTX14-BS	-	-
	SVX450	'-10	-	YTX7A-BS	-	-	1150	R1150GS, R	'00-'05	-	-	51913	-
250	RS250	'00-'04	-	-	YB4L-B	-	1100	K1100LT/RS	'90-'95	-	-	51913	-
200	Atlantic	'04-'05	-	-	YB12AL-A	-		R1100GS	'94-'00	-	-	51913	-
150	Scarabeo	'00-'04	-	-	YB12AL-A	-		R1100R	'94-'00	-	-	51913	-
	Mojito	'04-'05	-	YTX7L-BS	-	-		R1100RS, RT	'93-'00	-	-	51913	-
125	RS125	'-10	-	-	YB9-B	-		R1100S	'99-'00	-	-	51913	-
50	RS50	'00-'05	-	-	YB4L-B	-	1000	All "K" Models	'83-'93	YIX30L-BS*	-	53030	-
	SR50	'00-'01	-	-	YB4L-B	-		R100/7	'76-'84	YIX30L-BS*	-	53030	-
	SR50 Ditech	'01-'05	YTX7S*	YTX5L-BS	-	-		R100GS, PD, R, RS, RT	'87-'95	YIX30L-BS*	-	53030	-
	Scarabeo 50	'00-'03	-	-	YB4L-B	-		R100CS	'76-'84	YIX30L-BS*	-	53030	-
	Mojito	'04-'05	-	-	YB4L-B	-	900	R90/6, R90S	'69-'76	YIX30L-BS*	-	53030	-
	Rally	'04-'05	-	-	YB4L-B	-	850	R850R	'95-'97	-	-	51913	-
<b>ATK</b>							800	F800ST, GS	'09-'10	YTX14H-BS*	YTX14-BS	-	-
	All Electric Start Models	'91-'95	-	YTX9-BS	-	-		F650GS	'09-'10	YTX14H-BS*	YTX14-BS*	-	-
	All Electric Start Models	'96-'01	-	YTX7L-BS	-	-		R80, R80RT	'84-'95	YIX30L-BS*	-	53030	-
<b>BENELLI</b>								R80GS, R80ST	'80-'96	-	-	51814	-
								R80/7, R80RT	'78-'84	YIX30L-BS*	-	53030	-
900	900 (6 Cilindri)		YIX30L-BS*	-	53030	-	750	K75, RT	'85-'95	YIX30L-BS*	-	53030	-
650	650 Tornado U.T.		-	-	YB12A-A*	12N12A4A-1		K75C, S	'85-'95	-	-	51814	-
250	250 (4 Cilindri)		-	-	YB12A-A	-		R75/5	'70-'73	-	-	51814	-
	250-2C		-	-	-	6N11A-1B		R75/7	'76-'84	YIX30L-BS*	-	53030	-
125	125 Cross		-	-	-	6N11A-1B		R75/6	'69-'76	YIX30L-BS*	-	53030	-
	125 Custom Guzzi		-	-	-	12N5.5-4A	700	R69 - R69S	'55-'69	-	-	-	B38-6A
	125 Guzzi		-	-	-	12N5.5-4A	650	F650	'93-'00	-	-	YB12AL-A	-
	125 Jarno (c/avv.)		-	-	YB9-B*	12N9-4B-1		R65	'84-'95	YIX30L-BS*	-	53030	-
	125 Scooter Benelli		-	-	YB9L-B*	12N9-3B		R65LS	'78-'84	-	-	51814	-
	125-2 CSE		-	-	-	6N11A-1B	600	R60, R60/2 Twin Cylinders	'55-'69	-	-	-	B38-6A
	125CS		-	-	YB9-B	12N9-4B-1		R60/5	'70-'73	-	-	51814	-
	125T Sport		-	-	-	6N11A-1B		R60/6, R60/7	'69-'84	YIX30L-BS*	-	53030	-
50	Devil 50 (c/avv.)		-	-	YB4L-B	-	500	R50/2 Twin Cylinders	'55-'69	-	-	-	B38-6A
	KBX 50 Race		-	-	YB4L-B	-		R50/5	'70-'73	-	-	51814	-
	Scooty LX/DLX		-	-	YB4L-B	-		R50/S Twin Cylinders	'55-'69	-	-	-	B38-6A
							260	R26, R27 Single Cylinder	'55-'69	-	-	-	6N11A-1B
								R 26		-	-	-	B39-6
<b>BIG DOG</b>							<b>BSA</b>						
	All Models	All Years	YTX20HLFA	-	-	-		250, 350, 400, 441, 500 (12V)		-	-	YB7-A*	12N7-4A
								600, 650, 750 (12V)		-	-	YB7-A*	12N7-4A
								250, 350, 650 (6V)		-	-	-	B39-6
								500 Gold Star		-	-	-	B38-6A
								Rocket 750, Thunderbolt		-	-	YB9L-B*	12N9-3B
								Spitfire HK35, Starfire B25		-	-	YB9L-B*	12N9-3B
1100	SB6, SB7	'95-'97	-	YTX7L-BS(x2)	-	-							
	SB6R	'97-'99	-	YTX12-BS	-	-							

\* See Battery Upgrade Cross Reference Chart on page 8.

FA Must use Factory Activated battery.

# MOTORCYCLE APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>BUELL</b>							<b>DUCATI (continued)</b>						
1200	X1 Lightning	'99-'02	YTX20HL *F/A	YTX20L F/A	-	-	996	996, S, SPS	'99-'00	-	-	YB16AL-A2	-
	S1 Lightning	'96-'99	YTX14H-BS *	YTX14-BS †††	-	-	944	Suport Touring 2 (ST2)	'97-'00	-	-	YB16AL-A2	-
	S3, S3T Thunderbolt	'97-'02	YTX20HL-BS *	YTX20L-BS	-	-	916	Biposto, Senna, Strada	'94-'98	-	-	YB16AL-A2	-
	M2 Cyclone	'97-'02	YTX20HL-BS *	YTX20L-BS	-	-		I.E., SP, SP S	'94-'98	-	-	YB16AL-A2	-
	S2, S2T Thunderbolt	'94-'96	YTX20H-BS *	YTX20-BS *	YB16-B-CX	-		ST4	'99-'00	-	-	YB16AL-A2	-
	RR1200	'88-'90	YTX20H-BS *	YTX20-BS *	YB16-B-CX	-	907	I.E. Paso	'90-'94	YTX20H-BS *	YTX20-BS *	YB16-B	-
	RS1200	'89-'93	YTX20H-BS *	YTX20-BS *	YB16-B-CX	-	906	Paso	'90-'92	YTX20H-BS *	YTX20-BS *	YB16-B	-
	RSS1200	'91-'93	YTX20H-BS *	YTX20-BS *	YB16-B-CX	-	900	Monster	'94-'00	-	-	YB16AL-A2	-
	XB12R Firebolt	'04-'10	YTX14H *F/A	YTX14 F/A	-	-		SS Kick-Starter	'-81	-	-	YB12A-A	-
	XB12Ss, Scg, Lightning	'04-'10	YTX14H *F/A	YTX14 F/A	-	-		SS Replica	'-81	-	-	YB12A-A	-
	XB12X, XT Ulysses	'06-'10	YTX14H *F/A	YTX14 F/A	-	-		SS Supersport, Replica	'82-	YTX14AHL-BS *	-	YB14L-A2	-
1125	1125R, 1125CR	'08-'10	-	YTX14L F/A	-	-		SS	'89-'00	-	Not available	-	-
	Buell Racing 1125RR	'09	YTZ7S	-	-	-		SL	'92-'96	-	-	YB16AL-A2	-
1000	RR1000	'87	YTX20H-BS *	YTX20-BS *	YB16-B-CX	-		Supersport FE	'97-'98	-	-	YB16AL-A2	-
984	XB9R Firebolt, XB9SX Lightning	'02-'10	YTX14H *F/A	YTX14 F/A	-	-	888	SP, SP II, SP IV, SP V	'90-'95	-	-	YB16AL-A2	-
500	Blast	'00-'09	YTX14H-BS *	YTX14-BS	-	-	860	GT, GTS	-	Y1X30L-BS *	-	53030	-
								Kick-Start	-	-	-	YB12A-A	-
<b>CAGIVA</b>							<b>EXCELSIOR-HENDERSON</b>						
900	Elefant E900	-	-	-	YB16B-A1	-	851	851 Superbike	'90-'91	-	-	YB16AL-A2	-
750	Elefant	'94-'97	YTX20H-BS *	YTX20-BS *	YB16-B *	-		S Superbike	'91-'92	-	-	YB16AL-A2	-
	Elefant Bifaro	'89	YTX14HL-BS *	-	YB14L-A2	-	848	848	'09-'10	-	YT12B-BS	-	-
500	T4 E Elefant	'88-	YTX14HL-BS *	-	YB14L-A2	-	750	F1, Montjuich, Paso	'87-'90	YTX14AHL-BS *	-	YB14L-A2	-
350	Elefant 2 Cyl.	'86-	YTX14HL-BS *	-	YB14L-A2	-		GT, Luguna Seca	-	Y1X30L-BS *	-	53030	-
	T4 E Elefant, W12	'87-	YTX14HL-BS *	-	YB14L-A2	-		Indiana	-	YTX14AHL-BS *	-	YB14L-A2	-
	T4R	'87-	-	-	YB3L-A	-		Monster	'97-'00	-	Not available	-	-
125	Crouser	'87-'88	-	-	YB9-B	-		Sport	'89-'90	-	-	YB16AL-A2	-
	Freccia C9, /C10R, /C12R	'87-'90	-	-	YB9-B	-		SS Supersport Kick-Str.	-	-	-	YB12A-A	-
	Mito	'90-'97	-	-	YB9-B	-	748	Strada Biposto, SP, SPS	'97-'00	-	-	YB16AL-A2	-
	N 90	'97	-	-	YB9-B	-	696	Monster 696	'09-'10	-	YT12B-BS	-	-
	Roadster	'94-'97	-	-	YB9-B	-	650	Alazzurra, Indiana, Pantah	-	YTX14AHL-BS *	-	YB14L-A2	-
	Supercity	'91-'97	-	-	YB9-B	-	600	Pantah	-	YTX14AHL-BS *	-	YB14L-A2	-
50	City, Lucky, Explorer	'94-'97	-	YTX4L-BS	-	-		TL	-	YTX14AHL-BS *	-	YB14L-A2	-
	K3, W4	'-98	-	-	YB4L-B	-	500	GTL, GTV	-	YTX24HL-BS *	-	Y50-N18L-A	-
								Pantah	-	YTX14AHL-BS	-	-	-
							500	Sport	-	YTX24HL-BS *	-	Y50-N18L-A	-
<b>CAN-AM</b>							<b>GAS GAS</b>						
990	Spyder	'08-'10	YTX24HL FA	-	-	-	450	FSR450	'-08	YTZ7S	-	-	-
<b>CANNONDALE</b>							<b>GILERA (See-Scooter)</b>						
440	C440, E440, S440, X440, X440S	'02-'03	YTZ7S	-	-	-	600	Nordwest	'93	YTX14AHL-BS *	-	-	-
	EX400, MX400, XC400	'00-'01	YTZ7S *	YTX5L-BS	-	-		RC 600C	'93	YTX14AHL-BS *	-	-	-
<b>CCM</b>							<b>GILERA (See-Scooter)</b>						
600	All Electric Start Models	'96-'01	-	YTX9-BS	-	-		Top Rally, XRT	-	YTX14AHL-BS *	-	-	-
<b>DERBI</b>							<b>GILERA (See-Scooter)</b>						
	All Models	-	-	-	YB4L-B	-	500	Dakota Kick-Start	-	-	-	YB10L-A2	12N5.5-3B
<b>DUCATI</b>							<b>GILERA (See-Scooter)</b>						
1198	1198 MY08	'09-'10	-	YT12B-BS	-	-		Dakota E-Starter	-	-	-	-	-
1100	Monster 1100	'09-'10	-	YT12B-BS	-	-		Dakota E-Starter	-	-	-	YB10L-A2	12N5.5-3B
	Multistrada	'09-'10	-	YT12B-BS	-	-	350	Dakota Kick-Start	-	-	-	-	-
	Hypermotard	'07-'10	-	YT12B-B	-	-		Dakota E-Starter	-	-	-	-	-
	Street Fighter, S	'09	-	YT12B-BS	-	-		ER Kick-Start	-	-	-	YB10L-A2	12N5.5-3B
1098	1098	'07-'09	-	YT12B-BS	-	-		ER E-Starter	-	-	-	-	-
1098	1098	'07	YTX14H-BS *	YTX14-BS	-	-		XRT	-	YTX14AHL-BS *	-	-	-
	Various All other models	'01-'10	-	YT12B-BS	-	-	250	Arizona Rally	-	-	-	YB10L-B	-
1000	Desmosedici RR	'08-'09	-	YT12B-BS	-	-		RV NGR Kick-Start	-	-	-	-	12N5.5-3B
	GT1000, Touring, Sport 1100S	'-09	-	YT12B-BS	-	-		RV NGR E-Starter	-	-	-	YB10L-B	-
							200	Arizona	-	-	-	-	12N5.5-3B
								Arizona	-	-	-	YB9-B	-
								Fast Bike	-	-	-	-	12N5.5-3B

† When ordering this battery, specify sensor.

††† Must use adaptor kit available from Buell.

\* See Battery Upgrade Cross Reference Chart on page 8.

FA Must use Factory Activated battery.



# MOTORCYCLE APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>GILERA (continued)</b>							<b>HARLEY-DAVIDSON (continued)</b>						
200	Fast Bike	-	-	-	YB9-B	-	1340	FL, FLH Series (Touring)	'97-'98	Y1X30L-BS *	-	YB30L-B	-
	RTX, RV, RX Kick-Start	-	-	-	-	12N5.5-3B		FL, FLH Series (Touring)	'78-'84	-	-	-	YHD-12H
	RTX, RV, RX E-Start	-	-	-	YB9-B	-	1250	VRSC V-Rod	'08-'10	-	YTX20HL #FA	YTX20L #A	-
	T4	-	-	-	-	12N5.5-3B	1200	XL, XLH (Sportster)	'04-'10	-	YTX14L-BS	-	-
	Motocarro	-	-	-	-	B38-6A		XL, XLH (Sportster)	'97-'03	YTX20HL-BS *	YTX20L-BS	-	-
125	Apache Kick-Start	-	-	-	-	12N5.5-3B	1200	XL, XLH (Sportster)	'87-'96	YTX20H-BS *	YTX20-BS *	YB16-B-CX	-
	Apache E-Start	-	-	-	YB9-B	-		FX Series (Electric Start)	'71-'78	YTX20H-BS *	YTX20-BS *	YB16-B-CX	YB16-B
	Arizona Kick-Start	-	-	-	-	12N5.5-3B		FX Series (Kick Start)	'71-'72	-	-	YB7-A	12N7-4A
	Arizona E-Start	-	-	-	YB9-B	-		FL/FLH Series (Touring)	'65-'77	-	-	-	YHD-12H
	Crona Kick-Start	-	-	-	-	12N5.5-3B	1130	VRSC V-Rod	'02-'07	YTX14H #FA	YTX14 #FA	-	-
	Crona E-Start	-	-	-	YB9-B	-	1100	XL Series (Sportster)	'87-'93	YTX20H-BS *	YTX20-BS *	YB16-B-CX *	YB16-B
	CX Kick-Start	-	-	-	-	12N5.5-3B	1000	XL Series (Sportster)	'79-'85	YTX20H-BS *	YTX20-BS *	YB16-B-CX *	YB16-B
	CX E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Fast Bike Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Fast Bike E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Freestyle Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Freestyle E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	GFR Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	GFR E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	KK, KZ Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	KK, KZ E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	MX1, MXR Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	MX1, MXR E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Nebraska Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Nebraska E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	R1, R1S Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	R1, R1S E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	RC Rally	-	-	-	YB10L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	RTX, RV, RX Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	RTX, RV, RX E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	SPO1, SPO2 Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	SPO1, SPO2 E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	TOP Rally Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	TOP Rally E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Typhoon	-	-	-	YB7-A	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	XR1, XR2 Kick-Start	-	-	-	-	12N5.5-3B		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	XR1, XR2 E-Start	-	-	-	YB9-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
50	Bullit, Easy Moving, Runner	'97	-	-	YB4L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Eaglet	'95-'97	-	-	YB4L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	GSA E-Start	-	-	-	YB4L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Runner	'97	-	-	YB4L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Sioux E-Start	-	-	-	YB4L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Stalker, Storm, Top Rally	-	-	-	YB4L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
	Typhoon	'97	-	-	YB4L-B	-		XLCH Series (Sportster Kick Start)	'70-'78	-	-	YB7-A *	12N7-4A
<b>HARLEY-DAVIDSON</b>							<b>HONDA</b>						
1803	CVO FLH (Touring)	'10	Y1X30L-BS	-	-	-	1800	GL1800 Gold Wing	'09-'10	GYZ20L	-	-	-
	CVO FXD Fat Bob (Dyna)	'10	YTX20HL-BS *	YTX20L-BS	-	-		GL1800 Gold Wing	'01-'08	GYZ20L *	YTX20L-BS	-	-
	CVO FLST (Softail)	'10	YTX20HL-BS *	YTX20L-BS	-	-		VTX1800C, F, N, R Retro, S	'02-'10	YTX20HL-BS *	YTX20L-BS	-	-
1690	FLHTK (Touring)	'10	Y1X30L-BS	-	-	-		NRX1800 Valkyrie Rune	'04-'05	GYZ20L *	YTX20L-BS	-	-
1584	FXD Series (Dyna)	'07-'10	YTX20HL-BS *	YTX20L-BS	-	-	1500	GL1500 Gold Wing	'88-'00	YTX24HL-BS *	-	Y50-N18L-A3	-
	FXST, FLST Series (Softail)	'07-'10	YTX20HL-BS *	YTX20L-BS	-	-		GL1500 Valkyrie	'97-'03	YTX14H-BS *	YTX14-BS	-	-
	FL, FLH Series (Touring)	'07-'10	Y1X30L-BS	-	-	-	1300	ST1300, A, P	'03-'10	YTZ14S	-	-	-
1450	FXD Series (Dyna)	'99-'06	YTX20HL-BS *	YTX20L-BS	-	-		VTX1300C, R, S, Retro	'03-'10	YTX14H-BS *	YTX14-BS	-	-
	FXST, FLST Series (Softail)	'00-'06	YTX20HL-BS *	YTX20L-BS	-	-		VT1300CS, CR, CXA FURY	'09-'10	YTZ14S	-	-	-
	FL, FLH Series (Touring)	'00-'06	Y1X30L-BS	-	-	-	1200	GL1200 Gold Wing	'84-'87	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
	FL, FLH Series (Touring)	'99	Y1X30L-BS *	-	YB30L-B	-		VFR1200F	'10	YTZ14S	-	-	-
1340	FXD/FXST Series (Dyna)	'97-'99	YTX20HL-BS *	YTX20L-BS	-	-	1100	CB1100F Super Sport	'83	YTX14AHL-BS *	-	YB14L-A2 *	-
	FXD/FXST Series (Dyna)	'91-'96	YTX20HL-BS *C	YTX20L-BS *C	YB16HL-A-CX	-		CB1100	'10	YTZ14S	-	-	-
	FX/FXR Series	'79-'94	YTX20H-BS *	YTX20-BS *	YB16-B-CX *	YB16-B		CBR1100XX	'01-'04	YTZ12S	-	-	-
	FXR Series	'99-'00	YTX20H-BS *	YTX20-BS *	YB16-B-CX *	YB16-B		CBR1100XX	'97-'00	YTX14H-BS *	YTX12-BS	-	-
	FLST Series (Softail)	'97-'99	YTX20HL-BS *	YTX20L-BS	-	-		GL1100 Gold Wing	'80-'83	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
	FLST Series (Softail)	'91-'96	YTX20HL-BS *C	YTX20L-BS *C	YB16HL-A-CX	-		ST1100, ABS-TCS, 1100A	'91-'02	YTX14H-BS *	YTX14-BS	-	-
	FXST/FLST Series (Softail)	'84-'90	YTX20H-BS *	YTX20-BS *	YB16-B-CX	YB16-B		VF1100C V65 Magna	'83-'86	YTX20H-BS *	YTX20-BS *	YB18-A	-
	FL, FLH Series (Touring)	'80-'96	YTX24HL-BS *	-	Y50-N18L-A-CX	-		VF1100S V65 Sabre	'84-'85	YTX20HL-BS *	YTX20L-BS *	YB18L-A	-
								VT1100C2 Shadow Sabre	'00-'07	YTX14H-BS *	YTX14-BS	-	-
								VT1100C, C3, T Shadow					
								(Spirit, Aero, A. C. E. Tourer)	'01-'07	YTX14H-BS *	YTX14-BS	-	-
								VT1100C, C3					
								(Spirit, Aero, A. C. E. Tourer)	'98-'00	YTZ14S *	-	HYB16A-AB	-
								VT1100C Shadow Spirit	'85-'97	YTZ14S *	-	HYB16A-AB	-
								VT1100C2 Shadow A. C. E.	'95-'99	YTZ14S *	-	HYB16A-AB	-
								CB1000	'94-'95	-	YTX12-BS	-	-
								CB1000C Custom	'83	YTX14AHL-BS	-	YB14L-A2	-
								CB1000R	'09-'10	YTZ10S	-	-	-
								CBF1000F	'09-'10	YTZ10S	-	-	-
								CBR1000F Hurricane	'87-'96	YTX14AHL-BS	-	YB14L-B2	-
								CBR1000RR	'08-'10	YTZ7S	-	-	-
								CBR1000RR	'04-'07	YTZ10S	-	-	-
								CBX1000 Super Sport	'79-'82	YTX20HL-BS *	YTX20L-BS *	YB18L-A	-
								CBX1000 Super Sport (Opt)	'82	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
								GL1000 Gold Wing	'75-'79	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
								RVT1000R RC51	'00-'06	YTZ12S	-	-	-

\* See Battery Upgrade Cross Reference Chart on page 8.

C Requires use of Yuasa Cover/Spacer Kit, see part no. 478651 on the bottom of page 7.

FA Must use Factory Activated battery.

† When ordering this battery, specify sensor.

# MOTORCYCLE APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>HONDA (continued)</b>							<b>HONDA (continued)</b>						
1000	VTR1000F Super Hawk	'01-'05	YTZ12S	-	-	-	500	CB500 Four, Twin	'71-'76	-	-	YB12A-A	12N12A-4A-1
	VTR1000F Super Hawk	'97-'00	-	YTX12-BS	-	-		CX500, C, D, T	'78-'82	YTX14AHL-BS *	-	YB14L-A2	-
	VF1000R, F	'84-'86	-	-	YB16B-A	-		FT500 Ascot	'82-'83	YTX14AHL-BS *	-	YB14L-A2	-
954	CBR954RR	'02-'03	YTZ10S	-	-	-		GB500	'89-'90	-	-	YB12A-B	-
929	CBR929RR, RE	'00-'01	YTZ10S	-	-	-		GL500, I Silver Wing	'81-'82	YTX14AHL-BS *	-	YB14L-A2	-
919	CB900F (919)	'02-'06	YTZ10S	-	-	-		VF500C V30 Magna	'84-'85	-	-	YB12A-A	-
900	CB900C, F	'80-'82	YTX14AHL-BS	-	YB14L-A2	-		VF500F Interceptor	'84-'86	-	-	YB12A-A	-
	CBR900R, RR	'93-'99	-	YTX9-BS	-	-		VT500C Shadow	'83-'86	-	-	YB12A-A	-
800	PC800 Pacific Coast	'89-'98	-	YTX12-BS	-	-		VT500FT Ascot	'83-'84	-	-	YB12A-A	-
	VFR800, A Interceptor, ABS	'02-'10	YTZ12S	-	-	-		XL500R	'82	-	-	YB3L-A	-
	VFR800FI Interceptor	'98-'01	-	YTX12-BS	-	-		XL500S	'79-'81	-	-	-	6N4-2A-4
	VT800C Shadow	'88	YTX14AH-BS *	-	YB14-B2	-	450	CB450, SS	'67-'74	-	-	YB12A-A *	12N12A-4A-1
750	CB750 Nighthawk	'91-'03	YTX14AH-BS *	-	YB14-A2	-		CB450SC Nighthawk, T	'82-'86	-	-	YB12A-A	-
	CB750A Hondamatic	'76-'78	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A		CL450 Scrambler	'67-'74	-	-	YB12A-A *	12N12A-4A-1
	CB750C Custom	'80-'82	YTX14AHL-BS *	-	YB14L-A2	-		CM450A Hondamatic, E	'82-'83	-	-	YB12A-A	-
	CB750F Super Sport	'75-'82	YTX14AHL-BS *	-	YB14L-A2	-		CMX450C Rebel	'86-'87	-	-	YB12A-A	-
	CB750K Four	'69-'82	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A		CRF450X	'05-'09	YTX7S	-	-	-
	CB750K Limited Edition	'79	YTX14AHL-BS *	-	YB14L-A2	-	400	CB400A	'78	-	-	YB12A-A	-
	CB750SC Nighthawk	'82-'83	YTX14AHL-BS *	-	YB14L-A2	-		CB400F CB-1	'89-'90	-	YTX9-BS	-	-
	RVF750R (RC45)	'94	-	YTX9-BS	-	-		CB400F Super Sport	'75-'77	-	-	YB12A-A *	12N12A-4A-1
	VF750C V45 Magna	'88	-	-	YB12A-A	-		CB400T Hawk, Hawk II	'78-'81	-	-	YB12A-A	-
	VF750C V45 Magna	'82-'83	YTX14AH-BS *	-	YB14-A2	-		CB400TI Hawk I	'78-'79	-	-	YB9-B *	12N9-4B-1
	VF750C, C2, D Magna	'94-'03	-	YTX12-BS	-	-	400	CM400 (All)	'79-'81	-	-	YB12A-A	-
	VF750F V45 Interceptor	'83-'84	YTX14AH-BS *	-	YB14-A2	-	360	CB360, G, T	'74-'76	-	-	YB12A-A *	12N12A-4A-1
	VF750S V45 Sabre	'82-'83	-	-	YB14L-A2 w/s †	-		CL360T	'76-'77	-	-	YB9-B *	12N9-4B-1
	VFR750F Interceptor	'86	-	-	YB12A-B	-		CL360 Scrambler	'74-'75	-	-	YB12A-A *	12N12A-4A-1
	VFR750F	'90-'97	-	YTX12-BS	-	-	350	CB350 Super Sport Four	'68-'74	-	-	YB12A-A *	12N12A-4A-1
	VFR750R (RC30)	'90	-	YTX9-BS	-	-		CB350 Scrambler	'68-'73	-	-	YB12A-A *	12N12A-4A-1
	VT750C, CA, C2	'04-'08	YTZ12S	-	-	-		SL350 Motosport	'70-'73	-	-	-	12N5-4B
	VT750C Shadow	'98-'00	YTX14H-BS *	YTX14-BS	-	-		SL350 Motosport	'69-'70	-	-	YB12A-A *	12N12A-4A-1
	VT750CD, CD2 Shadow Deluxe	'98-'02	YTX14H-BS *	YTX14-BS	-	-		XL350	'74-'78	-	-	-	6N6-3B
	VT750CDA, B, C, D Shadow							XL350R	'84-'85	-	-	YB3L-A	-
	A.C.E. Deluxe	'02-'03	YTX14H-BS *	YTX14-BS	-	-	305	CA77 Dream Touring (late)	'63-'69	-	-	-	12N9-3A
	VT750C Shadow	'83	-	-	HYB16A-AB	-		CB77 Super Hawk	'61-'68	-	-	-	12N9-3A
	VT750C, CA, C2 Shadow Spirit, Aero	'07-'10	YTZ12S	-	-	-		CL77 Scrambler	'65-'68	-	-	-	12N5-4B
	VT750DC, A, B Shadow Spirit	'01-'07	YTZ14S	-	-	-	250	CA72 Dream Touring (late)	'63-'66	-	-	-	12N9-3A
700	CB700SC Nighthawk 'S'	'87	-	-	YB14L-A1	-		CB250 Nighthawk	'91-'09	-	YTX7L-BS	-	-
	VF700C Magna	'87	-	-	YB12A-A	-		CB72 Hawk	'61-'66	-	-	-	12N9-3A
	VF700C Magna	'84-'86	YTX14AH-BS *	-	YB14-A2	-		CL72 Scrambler	'62-'65	-	-	-	12N5-4B
	VF700F Interceptor	'84-'85	YTX14AH-BS *	-	YB14-A2	-		CM250C Custom	'82-'83	-	YB9-B	-	-
	VF700S Sabre	'84-'85	YTX14AHL-BS *	-	YB14L-A2	-		CMX250C Rebel	'96-'10	-	YTX7L-BS	-	-
	VFR700 Interceptor	'86-'87	-	-	YB12A-B	-		CMX250C Rebel, LTD	'85-'87	-	YB9L-B	-	-
	VT700C Shadow	'86-'87	YTX14AH-BS *	-	YB14-B2	-		CRF250X	'04-'09	YTX7S *	YTX5L-BS	-	-
	VT700C Shadow	'84-'85	-	-	HYB16A-AB	-		MT250E Elsinore	'74-'76	-	-	-	6N6-3B
	NT700V	'10	YTZ14S	-	-	-		NX250	'88-'90	-	YTX7L-BS	-	-
680	DN-01	'09-'10	YTZ14S	-	-	-		SM250	'09-'10	YTX12S	-	-	-
650	CB650, Custom	'79-'82	-	-	YB12A-A	-		VTR250 Interceptor VTR	'88-'90	-	-	YB9-B	-
	CB650SC Nighthawk	'83-'85	-	-	YB12AL-A	-		XL250	'72-'76	-	-	-	6N6-3B
	CB650SC Nighthawk	'82	-	-	YB12A-A	-		XL250R	'82-'87	-	-	YB3L-A	-
	CX650C Custom	'83	YTX14AH-BS *	-	YB14-A2	-		XL250S	'78-'81	-	-	-	6N4-2A-4
	CX650T Turbo	'83	YTX14AHL-BS *	-	YB14L-A2	-		XR250L	'91-'96	-	YTX4L-BS	-	-
	GL650I Silver Wing Interstate	'83	YTX14AHL-BS *	-	YB14L-A2	-	230	CRF230L	'08-'10	YTX7S	-	-	-
	NT650 Hawk GT	'88-'91	-	YTX9-BS	-	-		CRF230F, L (07)	'03-'10	YTX7S *	YTX5L-BS	-	-
	NT650V	-	-	YTR9-BS	-	-	200	CB200, T	'74-'76	-	-	YB9-B *	12N9-4B-1
	NX650	'88-'89	-	YTX9-BS	-	-		CL200 Scrambler	'74	-	-	YB9-B *	12N9-4B-1
	SLR650	-	-	YTR9-BS	-	-		CM200T Twinstar	'81-'82	-	-	YB9-B *	12N9-4B-1
	Vigor 650	-	-	YTR9-BS	-	-		CM200T Twinstar	'80	-	-	-	6N12A-2C
	XR650L	'93-'10	-	YTX9-BS	-	-		TLR200 Reflex	'86-'87	-	YTX4L-BS	-	-
600	CB600F (599)	'04-'06	-	YTX7L-BS	-	-		TR200 Fat Cat	'87	-	YTX7A-BS	-	-
	CBR600	'87-'00	-	YTX9-BS	-	-		TR200 Fat Cat	'86	-	YTX9-BS	-	-
	CBR600F4i, 600RR	'01-'10	YTZ10S	-	-	-		XL200R	'83-'84	-	-	YB3L-A	-
	VT600C, CD Shadow Deluxe	'04-'07	YTZ10S	-	-	-	185	CM185T Twinstar	'78-'79	-	-	-	6N12A-2C
	VT600C, CD Shadow Deluxe, VLX	'88-'03	-	YTX9-BS	-	-		XL185S	'79-'83	-	-	-	6N4-2A-4
	XL600R	'83-'87	-	-	YB3L-A	-		CA175 Touring (CD175)	'68-'69	-	-	-	B54-6
	XL600V Transalp	'89-'90	-	-	YB12A-B	-	175	CA175 Touring (CD175K3)	'69-'70	-	-	-	6N12A-2D
550	CB550 Four, K, SS	'74-'78	-	-	YB12A-A *	12N12A-4A-1		CB175 Super Sport	'69-'73	-	-	YB9-B *	12N9-4B-1
	CB550SC Nighthawk	'83	-	-	YB12AL-A	-		CL175 Scrambler	'68-'73	-	-	YB9-B *	12N9-4B-1

† When ordering this battery, specify sensor.

\* See Battery Upgrade Cross Reference Chart on page 8.



# MOTORCYCLE APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>HONDA (continued)</b>							<b>HUSABERG</b>						
175	SL175 Motospot	'70-'72	-	-	-	12N5-4B	All FE, FX, FS	'09-'10	YTZ7S	-	-	-	-
	XL175	'73-'78	-	-	-	6N6-3B	All Electric Start Models	'01-'02	YTZ7S *	YTX5L-BS	-	-	-
160	CB160 Sport	'65-'69	-	-	YB9-B *	12N9-4B-1	All Electric Start Models	'97-'00	-	YTX9-BS	-	-	-
	CL160 Scrambler	'66-'68	-	-	YB9-B *	12N9-4B-1	<b>HUSQVARNA</b>						
150	CRF150F	'06-'07	YTZ7S *	YTX5L-BS	-	-	580 TE610E, SM610S	'00-'01	YTX14H-BS *	YTX14-BS	-	-	-
125	CB125S	'81-'82	-	-	-	6N6-3B-1	450 TE450/TC450	-	YTZ7S	-	-	-	-
	CB125S	'73-'80	-	-	-	6N6-3B	400 TE410E	'00-'01	YTX14H-BS *	YTX14-BS	-	-	-
	CL125A Scrambler (Twin)	'67-'69	-	-	-	B54-6	<b>HYOSUNG</b>						
	CL125S Scrambler	'73-'75	-	-	-	6N4C-1B	650 GT650, R, S	'09-'10	YTX14H-BS *	YTX14-BS *	-	-	-
	CT125 Trail	'77	-	-	-	6N4C-1B	GV650, SE	'09-'10	-	YT14B-BS	-	-	-
	MT125 Elsinore	'74-'76	-	-	-	6N6-3B	250 GT250, R	'09-'10	YTX14H-BS *	YTX14-BS *	-	-	-
	NX125	'88-'90	-	YTX7L-BS	-	6N6-3B	GV250	'09-'10	-	YTX9-BS	-	-	-
	SL125 Motospot	'71-'73	-	-	-	B54-6	<b>INDIAN</b>						
	SS125A Super Sport	'67-'69	-	-	-	6N4C-1B	1638 1638 Chief	'02-'03	YTX24HL-BS	-	-	-	-
	XL125	'74-'78	-	-	-	6N4-2A-4	1442 1442 Scout, Spirit	'02-'03	YTX20H-BS *	YTX20-BS	-	-	-
	XL125S	'79-'84	-	-	-	6N4-2A-4	All Models	'99-'01	YTX20H-BS *	YTX20-BS	-	-	-
	XL125S	'85	-	-	YB2.5L-C	-	<b>KAWASAKI</b>						
110	CT110 Trail	'86	-	-	-	6N4-2A-4	2000 VN2000-A Vulcan	'04-'10	YTX20CH-BS *	YTX16-BS	-	-	-
	CT110 Trail	'80-'84	-	-	-	6N4-2A-8	1700 VN1700 Voyager	'09-'10	YTX20CH-BS *	YTX16-BS	-	-	-
	C110	'09-'10	YTZ7S	-	-	6N6-3B	1600 VN1600-A Vulcan Classic,	-	-	-	-	-	-
100	CB100 Super Sport	'70-'72	-	-	-	6N6-3B	D, Nomad	'03-'09	YTX20CH-BS *	YTX16-BS	-	-	-
	CL100, S Scrambler	'70-'73	-	-	-	6N6-3B	VN1600-B Vulcan Mean Streak	'04-'09	YTX20CH-BS *	YTX16-BS	-	-	-
	SL100 Motospot	'70-'73	-	-	-	6N6-3B	VN1500-C Vulcan L	'87-'98	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	XL100	'77-'78	-	-	-	6N4C-1B	VN1500-G, J, L, R	'96-'97	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	XL100	'74-'76	-	-	-	6N6-1D	VN1500-D, E, N Vulcan Classic	'99-'05	YTX20CH-BS *	YTX16-BS	-	-	-
	XL100S	'83-'85	-	-	-	6N5.5-1D	VN1500-P Vulcan Mean Streak	'96-'09	YTX20CH-BS *	YTX16-BS	-	-	-
	XL100S	'81-'82	-	-	-	6N5.5-1D	VN1500-D, E, N Vulcan Classic	'02-'03	YTX20CH-BS *	YTX16-BS	-	-	-
	XL100S	'79-'80	-	-	-	6N5.5-1D	VN1500-P Vulcan Mean Streak	'06-'10	YTX14H-BS *	YTX14-BS	-	-	-
90	CA200 Honda 90 (C200 Touring 90)	'63-'66	-	-	-	6N6-1B	1400 Ninja ZX-14	'08-'10	YTX14H-BS *	YTX14-BS	-	-	-
	CL90, L 5HP Scrambler	'67-'70	-	-	-	6N5.5-1D	ZG1400 Concours	'79-'82	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	CM91 Honda 90 (C90M)	'66-'69	-	-	-	6N5.5-1D	1300 KZ1300 Touring	'83-'88	-	-	-	-	-
	CT200 Trail 90	'64-'66	-	-	-	6N4-2A-8	ZN1300-A Voyager	'86-'03	YTX24HL-BS *	-	SY50-N18L-AT	-	-
	CT90 Trail	'66-'79	-	-	-	6N4C-1B	ZRX1200 DAEG	'09-'10	-	YTX12-BS	-	-	-
	EZ90 Cub	'91-'96	-	YTX5L-BS	-	6N4C-1B	Ninja ZX-12R	'00-'05	YTX14H-BS *	YTX14-BS	-	-	-
	S90 Super (CS90)	'64-'69	-	-	-	6N4C-1B	ZZR1200	'02-'05	YTX14H-BS *	YTX14-BS	-	-	-
	SL90 Motospot	'69	-	-	-	6N11-2D	1100 KZ1100-A, LTD	'81-'83	YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	-
	ST90 Trail Sport	'73-'75	-	-	-	6N11-2D	KZ1100-B GP	'82	-	-	SYB16L-B	-	-
80	XL80S	'83-'85	-	-	-	6N5.5-1D-1	KZ1100-B LTD	'81	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-	-
	XL80S	'80-'82	-	-	-	6N4-2A-6	ZN1100-B LTD	'84-'85	YTX14HL-BS *	-	YB14L-A2	-	-
75	XL75	'77-'79	-	-	-	6N4C-1B	ZR1100	'92-'95	YTX20CH-BS *	YTX16-BS	-	-	-
70	C70 Passport	'82-'83	-	-	YB5L-B	6N2A-2C	ZRX1100	'99-'00	YTX14H-BS *	YTX14-BS	-	-	-
	C70 Passport	'80-'81	-	-	6YB11-2D *	6N2A-2C-3	ZX1100-A GPz	'83-'84	-	-	SYB16L-B	-	-
	C70M Honda	'70-'73	-	-	6YB11-2D *	6N2A-2C-3	ZX1100-C Ninja ZX-11	'90-'93	YTX14HL-BS *	-	YB14L-A2	-	-
	CL70 Scrambler	'69-'73	-	-	-	6N2A-2C-3	ZX1100-D Ninja ZX-11 (CN)	'93-'94	YTX14H-BS *	YTX14-BS	-	-	-
	CT70	'91-'94	-	YTX4L-BS	-	6N2A-2C	ZX1100-D Ninja ZX-11	'95-'01	YTX14H-BS *	YTX14-BS	-	-	-
	CT70 Trail	'80-'82	-	-	-	6N2A-2C	ZX1100-E (GPz1100), ABS	'95-'97	YTX14H-BS *	YTX14-BS	-	-	-
	CT70 Trail	'74-'79	-	-	-	6N4C-1B	KZ1000-P Police	'02-'03/'05	YTX20HL-BS *	YTX20L-BS *	-	-	-
	CT70 Trail, 70H	'69-'71	-	-	-	6N2-2A	KZ1000-P Police	'82-'01	YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	-
	CT70, 70H	'72-'73	-	-	-	6N2-2A	KZ1000-C Police	'80-'81	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-	-
	SL70 Motospot	'73	-	-	-	6N2-2A	KZ1000-C Police, Z1-R	'78-'79	YTX14HL-BS *	-	YB14L-A2	-	-
	SL70 Motospot	'71-'72	-	-	-	6N2-2A	KZ1000, LTD	'77-'80	YTX14HL-BS *	-	YB14L-A2	-	-
	XL70	'74-'76	-	-	-	6N2A-2C-3	KZ1000-E ST, Shaft	'79-'80	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-	-
65	S65 Sport (CS65)	'65-'69	-	-	-	6N2-2A	KZ1000-G Classic	'80	YTX14HL-BS *	-	YB14L-A2	-	-
55	C, CA105T Trail	'62-'65	-	-	-	6N4-2A-6	KZ1000, LTD, CSR	'81-'83	YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	-
50	C110, CA110	'59-'69	-	-	-	6N2-2A	KZ1000-R Replica	'82-'83	YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	-
	MB5	'82	-	-	YB2.5L-C	6N2A-2C-3	Z1000	'03-'10	-	YTX9-BS	-	-	-
	NA50 Express II	'80-'81	-	-	-	-	ZG1000-A Concours	'86-'06	YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	-
	NA50 Express II	'79	-	-	-	-	ZL1000-A	'87	YTX14HL-BS *	-	YB14L-A2	-	-
	NC50 Express	'80-'83	-	-	YB3L-A	-	ZK10R	'86-'90	YTX14HL-BS *	-	YB14L-A2	-	-
	NC50 Express	'78-'79	-	-	YB4L-B	-	ZK1000-A Ninja 1000R, GPZ1000RX	'86-'87	YTX14HL-BS *	-	YB14L-A2	-	-
	NC50 Express	'77	-	-	YB4L-B	-	ZK1000-B Ninja ZX10	'88-'89	YTX14HL-BS *	-	YB14L-A2	-	-
	NS50F	'90	-	-	-	6N2A-2C-1	ZK1000-C Ninja ZX-10R	'04-'10	-	YT12B-BS	-	-	-
	NU50 Urban Express	'82-'83	-	-	-	-	-	-	-	-	-	-	-
	NU50M Urban Express Deluxe	'82-'83	-	-	-	-	-	-	-	-	-	-	-
	NX50M Express SR	'81-'82	-	-	-	-	-	-	-	-	-	-	-
	Z50A (K1)	'69-'70	-	-	-	-	-	-	-	-	-	-	-
	ZB50	'88	-	YTX4L-BS	-	-	-	-	-	-	-	-	-

\* See Battery Upgrade Cross Reference Chart on page 8.

# MOTORCYCLE APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
900	KZ900, LTD	'76-'77	-	-	YB10L-A2	-	<b>KAWASAKI (continued)</b>						
	Vulcan 900 Classic	'06-'10	-	YTX12-BS	-	-	400	KH400-A	'76-'78	-	-	-	12N5.5-4A
	Z900 (Z1 Series)	'72-'76	YTX14AHL-BS*	-	YB14L-A2	12N14-3A		KLX400R, KLX400SR	'03	-	Y77B-BS	-	-
	ZL900-A Eliminator	'85-'86	YTX14AHL-BS*	-	YB14L-A2	-		KZ400 Deluxe	'77-'79	-	-	YB12A-A*	12N12A-4A-1
	Ninja GP2900R ZX900A1-A16	'84-'03	YTX14AHL-BS*	-	YB14L-A2	-		KZ400-C	'78	-	-	-	12N5.5-4A
	ZX900-B Ninja (ZX-9R)	'94-'97	-	YTX12-BS	-	-		KZ400-D, H	'74-'79	-	-	YB12A-A*	12N12A-4A-1
	ZX900-C Ninja (ZX-9R)	'98-'99	-	YTX9-BS	-	-		KZ400-aS	'75-'77	-	-	-	12N5.5-4A
	ZX900-E, F Ninja (ZX-9R)	'00-'03	-	YTX9-BS	-	-		S3 Series	'74-'75	-	-	-	12N5.5-4A
800	VN800-A, B, E Vulcan, Classic, Drifter	'04-'06	-	YTX12-BS	-	-	350	A7 Series	'66-'71	-	-	YB9-B*	12N9-4B-1
	VN800-A, B, C, E Vulcan, Classic, Drifter	'95-'03	YTX14H-BS*	YTX14-BS	-	-		F5 Series	'70-'71	-	-	-	6N2-2A-3
750	H2 Series	'72-'75	-	-	-	12N5.5-4A		F9 Series	'73-'75	-	-	-	6N4B-2A-3
	KZ750, LTD, CSR	'76-'79	-	-	SYB14L-A2	-		F9 Series	'72	-	-	-	6N2-2A-3
	KZ750-E, H, L LTD	'80-'83	-	-	YB12A-A	-	305	S2 Series	'72-'73	-	-	-	12N5.5-4A
	KZ750-F LTD, Spectre	'83	YTX14AHL-BS*	-	YB14L-A2	-		EX305-B GP	'83	-	YB9L-A2	-	-
	KZ750-L Ninja	'93	-	YTX9-BS	YB14L-A2	-	250	KZ305 CSR, LTD	'81-'88	-	-	YB10L-A2	-
	KZ750-R GP	'82	-	-	YB12A-A w/s †	-		EX250, Ninja 250R	'0810	-	YTX7A-BS	-	-
	VN750-A Vulcan	'86-'06	YTX14AHL-BS*	-	YB14L-A2	-		A1 Series	'66-'71	-	YB9-B*	12N9-4B-1	-
	ZN750-A LTD	'84-'85	YTX14AHL-BS*	-	YB14L-A2	-		EL250, HS	'88-'93	-	YB9L-A2	-	-
	ZR-7, S	'00-'03	-	YTX12-BS	-	-		EX250 Ninja	'95-'07	-	YTX7L-BS	-	-
	ZR750 (Z750S)	'05-'06	-	YTX9-BS	-	-		EX250 Ninja	'86-'94	-	-	YB9L-A2	-
	ZR750-C Zephyr	'91-'94	-	YTX12-BS	-	-		F4 Series	'69-'70	-	-	-	12N5.5-4A
	ZX750-E Turbo, GPz	'83-'85	-	-	SYB14L-A2	-		F8 Series	'71-'72	-	-	-	6N2-2A-3
	ZX750-F Ninja	'87-'90	YTX14AHL-BS*	-	YB14L-A2	-		F11 Series	'73-'75	-	-	-	6N4B-2A-3
	ZX750-H Ninja ZX-7	'90	-	-	YB12AL-A2	-		KE250-B	'77-'79	-	-	-	6N6-1D-2
	ZX750-H Ninja ZX-7	'89	YTX14AHL-BS*	-	YB14L-A2	-		KH250-A	'76	-	-	-	12N5.5-4A
	ZX750-J Ninja ZX-7	'91-'95	-	YTX12-BS	-	-		KL250 Super Sherpa	'00-'10	-	YTX7L-BS	-	-
	ZX750 Ninja ZX, 7RR	'91-'97	-	YTX9-BS	-	-		KL250	'78-'84	-	-	YB4L-A	-
	ZX750-P Ninja ZX-7R	'96-'03	-	YTX12-BS	-	-		KL250-D KLR	'85-'05	-	-	-	-
	Z750 (EU)	'09-'10	-	YTX9-BS	-	-		KLX250S	'06-'10	-	YTX7L-BS	-	-
700	KZ700-A	'84	-	-	YB12A-A	-		KZ250 CSR, LTD	'80-'83	-	YB10L-A2*	12N10-3A-2	-
	VN700-A Vulcan	'85	YTX14AHL-BS*	-	YB14L-A2	-	200	S1 Series	'73-'75	-	-	-	12N5.5-4A
	ZN700-A LTD	'84-'85	YTX14AHL-BS*	-	YB14L-A2	-		KZ200-A	'78-'79	-	YB10L-B	-	-
650	ER6n	'09-'10	-	YTX12-BS	-	-	175	F7 Series	'71-'75	-	-	-	6N4-2A-5
	KL650-A, E, KLR	'87-'10	YTX14AHL-BS*	-	YB14L-A2	-		KE175-B	'76-'78	-	-	-	6N6-1D-2
	KL650-B Tengai	'90-'91	YTX14AHL-BS*	-	YB14L-A2	-	125	BN125 Eliminator	'01-'10	-	YB9-B	-	-
	KL650 Versys	'08-'10	-	YTX12-BS	-	-		F6 Series	'71-'73	-	-	-	6N4-2A-5
	KLX650C, R	'93-'96	-	YTX9-BS	-	-		KE125-A	'76-'83	-	-	-	6N6-1D-2
	KZ650 SR, LTD, Custom	'77-'80	-	-	YB10L-A2*	12N10-3A-2	120	KS125 Series	'74-'75	-	-	-	6N6-1D-2
	KZ650-H CSR	'81-'83	-	-	YB12A-A	-		C2SS RoadRunner	'67-'69	-	-	-	6N4-2A-3
	Ninja 650R	'06-'10	-	YTX12-BS	-	-	100	C2TR RoadRunner	'67-'69	-	-	-	6N4-2A-3
	W Series	'66-'70	-	-	YB7L-B*	12N7-3B		G3SS Series	'75	-	-	-	6N4-2A-5
	W650	'00-'02	YTX14H-BS*	YTX14-BS	-	-		G3TR Series	'71	-	-	-	6N4-2A-3 ††
636	ZX636-B, C Ninja ZX-6R	'03-'06	-	YTX9-BS	-	-		G4TR Series	'73-'75	-	-	-	6N4-2A-5
600	KL600-A KLR	'84	-	-	YB4L-A	-		G5 Series	'70-'72	-	-	-	6N2-2A-3
	KL600-B KLR	'85-'86	YTX14AHL-BS*	-	YB14L-A2	-		G5 Series	'74-'75	-	-	-	6N4-2A-5
	ZL600 (All)	'86-'97	-	-	YB12A-A	-		G5 Series	'72-'73	-	-	-	6N4-2A-3
	ZX600-A, B, C, D Ninja	'85-'96	-	-	YB12A-A	-		KE100-A	'79-'81	-	-	-	6N6-1D-2
	ZX600-FA Ninja ZX-6R	'08-'10	-	YTX9-BS	-	-		KE100-A	'76-'78	-	-	-	6N4-2A-5
	ZX600-E, F Ninja ZX-6, 6R	'93-'02	-	YTX12-BS	-	-		KE100-B	'82-'01	-	-	-	6N6-1D-2
	ZX600-G, J Ninja ZX-6R	'98-'08	-	YTX9-BS	-	-		KH100-B	'76-'77	-	-	-	6N4-2A-5
	ZX600-K, M, N Ninja ZX-6RR	'03-'06	-	YTX9-BS	-	-		KM100-A	'79-'81	-	-	-	6N6-1D-2
	ZZR600	'05-'08	-	YTX9-BS	-	-		KM100-A	'76-'78	-	-	-	6N4-2A-5
	ZZR600	'02-'04	-	YTX12-BS	-	-	90	KV100-A	'76	-	-	-	6N4-2A-5
550	KZ550, LTD, GP	'80-'83	-	-	YB12A-A	-		G3SS Series	'73-'74	-	-	-	6N4-2A-5
	KZ550-F LTD	'84	-	-	YB12A-A**	-		G3SS Series	'69-'72	-	-	-	6N4-2A-3 ††
	KZ550-F Spectre	'83	-	-	YB12A-A**	-		G3TR Series	'69-'70	-	-	-	6N4-2A-3 ††
	KZ550-H GP	'82-'83	-	-	YB12A-A †	-		MC1 Series	'73-'75	-	-	-	6N4-2A-5
	ZR550-B Zephyr	'90-'92	-	-	YB12A-A	-	<b>KTM</b>						
	ZX550-A GPz	'84-'86	-	-	YB12A-A †	-	1090	RC8	'09-'10	YTZ14S	-	-	-
500	EN500-A Vulcan	'90-'96	-	-	YB12A-A	-	990	Super Duke	'03-'10	YTZ14S	-	-	-
	EN500-C Vulcan LTD	'96-'10	-	-	YB12AL-A2	-		Supermoto	'09-'10	YTZ14S	-	-	-
	EX500-A	'87-'93	YTX14AHL-BS*	-	YB14L-A2	-		Superenduro	'09	YTZ14S	-	-	-
	EX500-D Ninja 500	'94-'10	YTX14AHL-BS*	-	YB14L-A2	-		Supermoto	'09-'10	YTZ14S	-	-	-
	H1 Series	'73-'75	-	-	YB9L-B*	12N9-3B		Adventure	'03-'10	YTZ14S	-	-	-
	H1 Series	'69-'72	-	-	YB9-B*	12N9-4B-1	690	Duke	'09-'10	YTZ10S	-	-	-
	KH500-A	'76	-	-	YB9L-B*	12N9-3B		Supermoto	'09-'10	YTZ10S	-	-	-
450	EN450-A 454 LTD	'85-'90	-	-	YB12A-A	-	640	Adventurer, Duke, RXC LC4 Super Moto	'99-'02	-	YTX9-BS	-	-
	KLX450R	'08-'10	YTZ7S	-	-	-		Duke II, LC4, Adventure	'03-'08	YTZ10S	-	-	-
440	KZ440 (All)	'80-'83	-	-	YB12A-A	-							

\* See Battery Upgrade Cross Reference Chart on page 8.

\*\* When ordering this battery, specify terminal adaptor.

† When ordering this battery, specify sensor.

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



# MOTORCYCLE APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
625	SMC, SXC	'03-'09	YTZ10S	-	-	-	<b>MuZ</b>						
620	Adventure, Duke, LC4	'96-'98	-	YTX9-BS	-	-	660	Skorpion	'95-'01	-	-	YB9L-A2	-
530	EXC, Racing	'03-'05	YTZ5S	-	-	-	125	All Models	All Years	-	-	YB9L-A2	-
	EXC, Racing	'05-'09	YTZ7S *	YTX5L-BS	-	-	<b>MV AGUSTA</b>						
	XC-W	'09-'10	YTZ7S *	YTX5L-BS	-	-	1000	F4	'05-'10	YTZ10S	-	-	-
525	EXC Racing	'03	YTZ5S	-	-	-		Brutale 1078RR	'09-'10	YTZ10S	-	-	-
	MX Desert Racing	'03	YTZ7S *	YTX5L-BS	-	-	910	Brutale	'06-'09	YTZ10S	-	-	-
	MXC Racing	'03	YTZ7S *	YTX5L-BS	-	-	750	F4, Brutale	'00-'08	YTZ10S	-	-	-
520	E/XC, M/XC Racing 4-Stroke	'00-'02	-	YTX4L-BS	-	-	<b>NORTON</b>						
	E/XC, M/XC Racing 4-Stroke (Opt)	'00-'02	YTZ7S *	YTX5L-BS	-	-	850	Commando, Commando (75)		YTX144HL-BS *	-	YB14L-A2	-
450	EXC Racing	'03-'05	YTZ5S	-	-	-	750	Ranger Commando		-	-	YB9-B *	12N9-4B-1
	EXC Racing	'09-'10	YTZ5S *	YTX5L-BS	-	-	350	Navigator		-	-	-	6N11A-1B
	SX-F, XC-F, XC-W	'09-'10	YTZ5S *	YTX5L-BS	-	-	<b>PIAGGIO (See-Scooter)</b>						
400	EXC Racing	'05-'09	YTZ5S *	YTX5L-BS	-	-	APE CAR, MP, MPR, P602			YIX30L-BS *	-	53030	-
	EXC Racing	'03-'05	YTZ5S	-	-	-	Ape 50 FL	'93	-	-	-	YB9-B	-
	XC-W	'09-'10	YTZ7S *	YTX5L-BS	-	-	Boxer, Bravo, Ciao		-	-	-	-	B39-6
	E/XC Racing 4-Stroke	'00-'02	-	YTX4L-BS	-	-	Cosa 2		-	-	-	YB7-A	-
	E/XC Racing 4-Stroke (Opt)	'00-'02	YTZ7S *	YTX5L-BS	-	-	Cosa CLX 125 (c/avv.)		-	-	-	YB7-A	-
	LC4 E/XC	'96-'98	-	YTX9-BS	-	-	Cosa CLX 150 (c/avv.)		-	-	-	YB7-A	-
	RXC LC4	'96-'01	-	YTX9-BS	-	-	Cosa CLX 200 (c/avv.)		-	-	-	YB7-A	-
250	EXC, Racing	'05-'10	YTZ7S *	YTX5L-BS	-	-	Free		-	-	-	YB4L-B	-
	EXC, Racing	'03-'05	YTZ5S	-	-	-	Hexagon 125/150		-	-	-	YB9-B	-
	EXF	'05-'10	YTZ7S *	YTX5L-BS	-	-	NRG 50		-	-	-	YB4L-B	-
<b>KYMCO</b>								P125ETES, P125TS		-	-	YB7-A *	12N7-4A
250	Venox250	'09-'10	-	YTX9-BS	-	-	P200E (c/avv.)		-	-	-	YB9-B	-
<b>MOTO GUZZI</b>								PK50, PK50-C.A., PK50N, PK50XL		-	-	YB7-A *	12N7-4A
1200	Norge	'09-'10	YTX20CH-BS	-	-	-	PK80S-C.A.		-	-	-	YB7-A *	12N7-4A
	Sport, ABS	'09-'10	YTX20CH-BS	-	-	-	PK125FL, PK125SS, PK125XL		-	-	-	YB7-A *	12N7-4A
	Breva 1200	'09-'10	YTX20CH-BS	-	-	-	PX125		-	-	-	YB9-B	-
	Stervio	'09-'10	YTX20CH-BS	-	-	-	PX125+80E		-	-	-	-	12N5.5-3B
	1200 Sport	'09-'10	YTX20CH-BS	-	-	-	PX125+80E-AREC		-	-	-	-	12N5.5-3B
1100	1100 California (CA only)	'03-'05	-	YTX15L-BS	-	-	PX125-80E-ARC		-	-	-	YB9-B	-
	1100 California, Special, Jackal,						PX125T5		-	-	-	YB9-B	-
	Breva, Griso	'05-'10	YTX20CH-BS	-	-	-	PX150E		-	-	-	YB9-B	-
	Stone, EV	'94-'05	YIX30L-BS *	-	53030	-	PX150E-ARC		-	-	-	YB9-B	-
	Quota 1100 ES	'99-'02	-	YTX15L FA	-	-	PX200-ARC		-	-	-	YB9-B	-
	Sport 1100i	'97-'99	-	YTX15L-BS	-	-	PX200E-ARC		-	-	-	-	12N5.5-3B
	V11 Bassa	'99-'00	YIX30L-BS *	-	53030	-	PX200GS		-	-	-	YB9-B	-
	V11 EV	'98-'99	YIX30L-BS *	-	53030	-	Quartz, Sactto, Sfera 50, Sfera 80,		-	-	-	-	-
	V11 Le Mans, Sport	'99-'05	-	YTX15L FA	-	-	Skipper 125/150		-	-	-	YB4L-B	-
1064	California Classic, Vintage	'-10	YTX20HL-BS *	-	-	-	Vespa 50 Elestart		-	-	-	-	6N11A-1B
1000	California III	'89-'93	YIX30L-BS *	-	53030	-	Vespa 125 Sprint		-	-	-	-	(x 2 pcs.)
	Convert		YIX30L-BS *	-	53030	-	Vespa 150 GL		-	-	-	-	B39-6
	Daytona		YIX30L-BS *	-	53030	-	Vespa PK 50 FL/FL2 (c/avv.)		-	-	-	YB7-A	B39-6
	Le Mans		YIX30L-BS *	-	53030	-	Zip - Zip (Fast Rider)		-	-	-	YB4L-B	-
	Mille		YIX30L-BS *	-	53030	-	<b>POLARIS VICTORY</b>						
	1000NT		YIX30L-BS *	-	53030	-	1731	Vegas, Jackpot, Hammer, Ness, Vision	'08-'10	YTX20HL-BS	-	-	-
	Quota		YIX30L-BS *	-	53030	-	1634	Vegas, Kingpin, Hammer(-08)	'06-'10	YTX20HL-BS	-	-	-
	V10 Centauro Sport, GT	'99-END	-	YTX15L FA	-	-	1507	Vegas, Kingpin, Hammer	'03-'05	YTX20HL-BS *	YTX20L-BS	-	-
936	Bellagio	'-10	YTX20HL-BS *	YTX20L-BS	-	-		V92T Touring Cruiser	'02-'06	YTX20HL-BS *	YTX20L-BS	-	-
850	Le Man		YIX30L-BS *	-	53030	-		V92SC Sport Cruiser	'00-'01	YTX20HL-BS *	YTX20L-BS	-	-
	T3, T4, T5		YIX30L-BS *	-	53030	-		V92C, DC Classic, Deluxe Cruiser	'98-'04	YTX20HL-BS *	YTX20L-BS	-	-
750	Breva 750	'04-'10	YTX144HL-BS	-	-	-	<b>PUCH</b>						
	V7 Classic	'09-'10	YTX144HL-BS	-	-	-	Cobra 80		-	-	-	-	B39-6
	Nevada		YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	Cobra GTL, Daytona N50, Monza		-	-	-	-	B39-6
	Nevada 750 Classic	'-10	YTX144HL-BS	-	-	-	Lido SL50, Lido Vario		-	-	YB4L-B	-	-
	NTX		YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	Monza GP, Monza GX, Monza X		-	-	-	-	B39-6
	Strada		YTX20HL-BS *	YTX20L-BS *	YB18L-A	-	<b>ROYAL ENFIELD</b>						
	V7		YIX30L-BS *	-	53030	-	500	All Kick-start Models	'95-'99	-	-	YB7-A *	12N7-4A
	V75		YTX20HL-BS *	YTX20L-BS *	YB18L-A	-		All Kick-start Models	'00-'03	-	-	YB5L-B *	12N5-3B
650	NTX		YTX20HL-BS *	YTX20L-BS *	YB18L-A	-		All Electric Start Models	'00-'03	YTX144HL-BS *	-	YB14L-A2	-
	V65		YIX30L-BS *	-	53030	-							
	V65 Florida		YTX20HL-BS *	YTX20L-BS *	YB18L-A	-							
500	Falcone		-	-	-	B38-6A							
500	Falcone u.t.		YTX20HL-BS *	YTX20L-BS	YB18L-A	-							
	V50		YIX30L-BS *	-	53030	-							

\* See Battery Upgrade Cross Reference Chart on page 8.

# MOTORCYCLE APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>ROYAL ENFIELD (continued)</b>							<b>SUZUKI (continued)</b>						
350	All Kick-start Models	'95-'99	-	-	YB7-A *	12N7-4A	650	SFV650 Gladius	'09-'10	-	YT12-B5	-	-
	All Kick-start Models	'00-'03	-	-	YB5L-B *	12N5-3B		XN85 Turbo	'83	YTX14AHL-BS *	-	YB14L-A2	-
	All Electric Start Models	'00-'03	YTX14AHL-BS *	-	YB14L-A2	-	600	GSF600S Bandit	'96-'03	-	YTX9-B5	-	-
<b>SUZUKI</b>													
1800	VZR1800 (M109R)	'06-'09	YTX20CH-BS	-	-	-	600	GSX-R600	'97-'10	-	YTX9-B5	-	-
	VLR1800 (C109R)	'08-'10	YTX20CH-BS	-	-	-		GSX-R600W	'92-'93	-	YTX9-B5	-	-
1600	Marauder, Boulevard M95	'04-'05	YTX20CH-BS *	YTX16-BS	-	-		GSX600F Katana	'98-'06	-	YTX9-B5	-	-
1500	VL1500 Intruder, Boulevard C90	'98-'10	-	YTX16-BS-1	-	-		GSX600F Katana SP600	'88-'97	-	-	YB10L-B2	-
	VZ1500 Boulevard M90	'09-'10	YTX20CH-BS	-	-	-	550	RF600R, S	'85	-	YTX9-B5	YB5L-B *	12N5-3B
1400	GV1400GC, D, T Cavalcade	'86-'88	YTX24HL-BS *	-	SY50-N18L-AT	-		GS550E, L, M, TX	'94-'96	-	-	-	-
	VS1400GL Intruder, GLP, S83	'87-'10	-	YTX16-BS-1	-	-		GS550E, ES, L	'77-'82	-	-	YB10L-A2	-
1300	GSX1300BK B-King	'08-'10	-	YTX12-BS	-	-		GT550 Indy	'83-'86	-	-	YB10L-B	-
	GSX1300R Hayabusa	'99-'07	-	YT12A-BS	-	-		GS500, F	'72-'77	-	-	-	12N11-3A-1
	GSX1300R, Z Hayabusa	'08-'10	-	YTX12-BS	-	-	500	GS500E	'01-'10	-	-	YB10L-B2	-
1250	GSF1250S, A Bandit	'07-'10	-	YT12A-BS	-	-		GT500 Titan	'89-'00	-	-	YB10L-B2	-
1200	GSF1200, S Bandit	'97-'05	-	YTX12-BS	-	-		SP500	'76-'77	-	-	YB7-A *	12N7-4A
	GV1200GL Madura	'85-'86	YTX14AHL-BS *	-	YB14L-B2	-	450	T500 Titan	'81-'83	-	-	YB7-A *	12N7-4A
	GS1150E, S	'83-'86	-	-	SYB14L-B2	-		GS450	'68-'75	-	-	YB12B-B2	-
1100	GS1100S, Katana	'81-'01	-	-	SYB14L-A2	-	425	GS450	'83-'88	-	-	YB10L-A2	-
	GS1100E, S	'80-'83	-	-	SYB14L-A2	-	400	GS425, GS425E, L	'80-'82	-	-	YB10L-A2	-
	GS1100G, K, L, Katana	'82-'84	YTX14AHL-BS *	-	YB14L-A2	-		DR-Z400, E, S, SM	'77-'78	-	Y77B-BS	-	-
	GSX-R1100	'86-'92	YTX14AHL-BS *	-	YB14L-A2	-		GN400T, X	'80-'82	-	-	6N4B-2A	-
	GSX-R1100 W	'93-'98	-	YTX12-BS	-	-		GS400	'77-'78	-	-	YB10L-A2	-
	GSX1100F Katana	'88-'93	YTX14AHL-BS *	-	YB14L-B2	-		GS400X	'77-'78	-	-	YB7-A *	12N7-4A
	GSX1100G	'91-'93	YTX14H-BS *	YTX14-BS	-	-		GSF400 Bandit	'91-'93	-	YTX9-B5	-	-
1000	DL1000 V-Strom	'02-'10	YTX14H-BS *	YTX14-BS	-	-		SP400	'80	-	-	6N4B-2A	-
	GS1000	'78-'82	YTX14AHL-BS *	-	YB14L-A2	-	380	TS400 Apache	'76-'77	-	-	6N4B-2A	-
	GSX-R1000	'01-'04	-	YTX12-BS	-	-		TS400 Apache	'72-'75	-	-	YB5L-B *	12N5-3B
	GSX-R1000	'05-'10	-	YT12A-BS	-	-	370	GT380 Sebring	'72-'77	-	-	YB7-A *	12N7-4A
	SV1000, S	'03-'07	YTX14H-BS *	YTX14-BS	-	-	350	SP370	'78-'79	-	-	6N4B-2A	-
	TL1000R	'98-'03	-	YT12A-BS	-	-		DR350S	'90-'96	-	YTX4L-BS	-	-
	TL1000S	'97-'01	-	YTX12-BS	-	-	350	DR350SE	'94-'99	-	YTX7L-BS	-	-
900	RF900, R, S, ZS	'94-'97	-	YTX9-B5	-	-	350	T350 Series	'79	-	-	YB5L-B *	12N5-3B
850	GS850G, GL	'79-'83	YTX14AHL-BS *	-	YB14L-A2	-	305	Scramble TC305	'69	-	-	YB5L-B *	12N5-3B
800	VL800 Intruder Volusia, Boulevard C50, T, M50	'01-'10	-	YTX12-BS	-	-		T305	'69	-	-	YB5L-B *	12N5-3B
	VS800 GL, S Intruder, Boulevard S50	'92-'10	-	-	YB16B-A1	-	300	GS300L	'82-'85	-	-	YB12B-B2	-
	VX800	'90-'93	-	-	YB16B-A	-	250	DR250S	'90-'92	-	YTX4L-BS	-	-
	VZ800 Marauder	'97-'08	-	YTX12-BS	-	-		DR250S EP, ER, ES	'93-'95	-	YTX7L-BS	-	-
750	GS750, Katana	'77-'83	YTX14AHL-BS *	-	YB14L-A2	-		DR-Z250	'01-'07	Y7Z7S	-	-	-
	GSX750F Katana	'98-'06	-	YTX9-B5	-	-		GN250	'82-'88	-	-	YB10L-A2	-
	GSX750F Katana	'89-'97	YTX14AHL-BS *	-	YB14L-B2	-		GS250T	'80-'81	-	-	YB10L-A2	-
	GSX-R750	'00-'10	-	YT12A-BS	-	-		GT250 Hustler	'73-'77	-	-	YB5L-B *	12N5-3B
	GSX-R750	'96-'99	-	YTX9-B5	-	-		GZ250	'99-'10	-	YTX7L-BS	-	-
	GSX-R750	'86-'92	YTX14AHL-BS *	-	YB14L-A2	-		Model T20	'69	-	-	YB5L-B *	12N5-3B
	GSXR750W	'94-'95	-	YTX9-B5	-	-		SP250	'82-'85	-	-	6N4B-2A	-
	GSXR750W	'93	-	YTX12-BS	-	-		Scrambler TC250	'69	-	-	YB5L-B *	12N5-3B
	GT750 LeMans	'72-'77	YTX14AHL-BS *	-	YB14L-A2	-		T250, T250-II, T250J, T250R	'72	-	-	YB5L-B *	12N5-3B
	VS750GLP Intruder	'88-'91	-	-	YB14L-A2	-		TS250 Savage	'73-'81	-	-	6N4B-2A	-
700	GS700E, GS700ES	'85	YTX14AHL-BS *	-	YB14L-A2	-		TS250 Savage	'69-'72	-	-	6N2-2A-4	-
	GV700GL Madura	'85	YTX14AHL-BS *	-	YB14L-B2	-		TU250X	'09-'10	-	YTX7L-BS	-	-
	VS700GL Intruder	'85-'87	-	-	YB16B-A1	-	200	DR200SE	'96-'10	-	YTX7L-BS	-	-
650	DL650 V-Strom	'04-'10	-	YTX12-BS	-	-		SP200	'86-'88	-	-	YB4L-B	-
	DR650S ER, ES	'94-'95	-	YTX12-BS	-	-		T200, TC200	-	-	YB5L-B *	12N5-3B	
	DR650S N, P	'92-'93	-	YTX4L-BS	-	-	185	GT185 Adventurer	'73-'77	-	-	12N11-3A-1	-
	DR650S	'90-'91	-	-	YB5L-B *	12N5-3B		TC185 Ranger	'74-'77	-	-	12N11-3A-1	-
	DR650SE	'98-'10	-	YTX9-B5	-	-	125	TS185 Sierra	'77-'81	-	-	6N4B-2A	-
	DR650SE (CN)	'96-'97	-	YTX9-B5	-	-		TS185 Sierra	'71-'76	-	-	6N4-2A	-
	DR650SE	'96-'97	-	-	-	-		DR125, SE, SES	'94-'96	-	YTX7L-BS	-	-
	GR650 Tempter, X	'83	YTX14AHL-BS *	-	YB10L-B2	-		GN125, E	'91-'96	-	-	YB7-A	-
	GS650E	'81-'82	-	-	YB14L-A2	-		GN125, E	'82-'83	-	YTX7L-BS	YB7-A	-
	GS650 (All)	'81-'83	YTX14AHL-BS *	-	YB14L-A2	-		RV125 SE, R	'94	-	-	-	-
	GSX650F	'08-'10	-	YTX9-B5	-	-		RV125 Tracker	'73-'77	-	-	6N4-2A	-
	LS650 Savage, S40	'86-'08	YTX14AHL-BS *	-	YB14L-B2	-		SP125	'86-'88	-	-	6N4-2A	-
	SV650	'99-'02	-	YT12A-BS	-	-		SP125	'82-'83	-	-	6N4B-2A	-
650	SV650, A, SA	'03-'10	-	YTX12-BS	-	-	120	TC125 Prospector	'73-'77	-	-	6N4B-2A	-
	SV650, S	'08-'10	-	YTX12-BS	-	-		TS125 Duster	'71-'81	-	-	6N4B-2A	-
							105	B120P	'71	-	-	6N4-2A	-
								TC120, TC120-II, TC120R		-	-	6N4-2A	-
								B105P		-	-	6N4-2A	-

\* See Battery Upgrade Cross Reference Chart on page 8.



# MOTORCYCLE APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>SUZUKI (continued)</b>							<b>TRIUMPH (continued)</b>						
100	A100 Go-fer	'76-'77	-	-	-	6N4-2A	200	Tiger	-	-	-	-	6N11A-1B
	A100 Go-fer	'69	-	-	-	6N4-2A	173	Tigress	-	-	-	-	6N11A-1B
	B100P	-	-	-	-	6N4-2A	<b>YAMAHA</b>						
	SP100	'83	-	-	-	6N4B-2A	1854	Roadliner, Raider, Stratoliner	'06-'10	-	YT14B-BS	-	-
	Scrambler AC100	'69	-	-	-	6N4-2A	1700	VMAX	'09-'10	YTZ14S	-	-	-
	Sport AS100	'69	-	-	-	6N4-2A		XV17AT Road Star, Silverado	'04-'07	YTX20HL-BS *	YTX20L-BS	-	-
	TC100 Blazer	'73-'77	-	-	-	6N4-2A		XV17P Road Star Warrior	'02-'08	-	YT14B-BS	-	-
	TS100 Honcho	'78-'81	-	-	-	6N4B-2A		XV17AT Road Star, Silverado	'08-'10	-	YT14B-BS	-	-
	TS100 Honcho	'73-'77	-	-	-	6N4B-2		MT-01 (EU)	'05-'10	-	YT14B-BS	-	-
90	RV90 Rover	'73-'77	-	-	-	6N2-2A-4	1600	XV1600 Road Star	'99-'03	YTX20HL-BS *	YTX20L-BS	-	-
	RV90 Rover	'72	-	-	-	6N4-2A	1300	FJR1300, A	'03-'10	-	YT14B-BS	-	-
	TC90	-	-	-	-	6N2-2A-4		XVZ13 Royal Star/Venture (All)	'96-'10	YTX20HL-BS *	YTX20L-BS	-	-
	TC90J, TC90R	-	-	-	-	6N4-2A		XVZ13 Venture/Royale	'86-'93	YTX24HL-BS *	-	SY50-N18L-AT	-
	Model K10, Model K10P	'68	-	-	-	6N4-2A		XJR1300(EU)	'07-'10	YTZ14S	-	-	-
80	Sport 80 (Models K11 & K11P)	'68	-	-	-	6N4-2A		XVS13AY V Star 1300	'09-'10	YTX20HL-BS *	YTX20L-BS	-	-
	Trail 80 (Models K15 & K15P)	'68	-	-	-	6N4-2A	1200	FJ1200 (All)	'91-'93	YTX14H-BS *	YTX14B-BS	-	-
75	TS75 Colt	'75-'77	-	-	-	6N4-2A		FJ1200	'86-'90	YTX14AHL-BS *	-	YB14L-A2	-
70	DR-Z70	'08-'09	-	YT4B-BS	-	-		VXM12 V-Max	'85-'07	-	-	YB16AL-A2	-
55	Model 31	'68	-	-	-	6N2-2A-4		XVZ12 Venture/Royale	'83-'85	YTX24HL-BS *	-	SY50-N18L-AT	-
50	AC50, AS50	'71	-	-	-	6N4-2A	1100	FJ1100	'84-'85	YTX14AHL-BS *	-	YB14L-A2	-
	OR50	'79-'80	-	-	-	6N4B-2A		XJ1100 Maxim	'82	YTX24HL-BS *	-	SY50-N18L-AT	-
	Sport 50 (Model M12)	'68	-	-	-	6N4-2A		XS1100 (All)	'78-'81	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
	TS50	'74	-	-	-	6N4-2A		XV1100 Virago (All)	'86-'99	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
								XVS1100 V-Star (All)	'99-'10	-	YT14B-BS	-	-
<b>TRIUMPH</b>													
2300	Rocket III	'03-'10	YTX20HL-BS *	YTX20L-BS	-	-	1000	FZR1000	'91-'95	YTX14H-BS *	YTX14B-BS	-	-
1600	Thunderbird	'10	YTX20HL-BS *	YTX20L-BS	-	-		FZR1000	'87-'90	YTX14AHL-BS	-	YB14L-A2	-
1200	Trophy	'00-'04	YTX14H-BS *	YTX14B-BS	-	-		FZS1000 FZ1	'06-'10	YTZ14S	-	-	-
	All Other Models	'93-'99	YTX14AHL-BS *	-	-	-		FZS1000 FZ1	'01-'05	-	YT14B-BS	-	-
1050	Speed Triple	'05-'10	-	YTX12-BS	-	-		GTS1000	'93-'94	YTX14H-BS *	YTX14B-BS	-	-
	Sprint ST	'05-'10	-	YTX12 F/A	-	-		XV1000 Virago	'84-'85	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
	Speed Triple	'05-'10	-	YTX12-BS	-	-		YZF-R1	'98-'03	-	YT12B-BS	-	-
	Tiger	'07-'10	-	YTX12-BS	-	-		YZF-R1	'04-'10	YTZ10S	-	-	-
1000	Daytona	'92-'93	YTX14AHL-BS *	-	-	-		YZF1000R	'97	YTX14H-BS *	YTX14B-BS	-	-
955	Daytona 955i, Speed Triple,						950	XVS95CT, Y V Star 950	'09-'10	YTZ14S	-	-	-
	Sprint ST	'99-'04	YTX14H-BS *	YTX14B-BS	-	-	920	XV920 Virago	'82	YTX24HL-BS *	-	SY50-N18L-AT	-
	Sprint RS	'00-'04	YTX14H-BS *	YTX14B-BS	-	-		XV920M Midnight Virago	'83	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
	Tiger	'02-'06	YTX14H-BS *	YTX14B-BS	-	-		XV920R Virago	'81-'83	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A
	All Other Models	'96-'97	YTX14AHL-BS	-	-	-	900	XJ900R Seca	'83	YTX14AHL-BS *	-	YB14L-A2	-
900	Scrambler, Bonneville	'06-'07	-	YTX12-BS	-	6N11A-1B		TDM900 (EU)	'10	-	YT12B-BS	-	-
	T90	-	-	-	-	-	850	TDM850	'92-'93	-	YTX12-BS	-	-
	Tiger	'99-'01	YTX14H-BS *	YTX14B-BS	-	-		TRX850	'95-'99	-	YTX12-BS	-	-
	Thruxton	'03-'10	-	YTX12-BS	-	-		XS850 (All)	'80-'81	YTX14AHL-BS *	-	YB14L-A2	-
	Thunderbird	'02-'03	YTX14AHL-BS	-	-	-		FZ750, FZR750	'85-'88	YTX14AHL-BS *	-	YB14L-A2	-
	All Other Models	'91-'01	YTX14AHL-BS	-	-	-		TX750	'73-'74	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-
865	America	'09-'10	-	YTX12-BS	-	-		XJ750 Maxim	'82-'83	-	-	SYB14L-A2	-
	Bonneville T100, SE	'09-'10	-	YTX12-BS	-	-		XJ750M Midnight Maxim	'83	YTX14AHL-BS *	-	YB14L-A2	-
	Scrambler	'09-'10	-	YTX12-BS	-	-		XJ750R Seca	'81-'83	-	-	SYB14L-A2	-
	Speedmaster	'09-'10	-	YTX12-BS	-	-		XS750 (All)	'77-'79	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A
800	Bonneville	'01-'05	-	YTX12-BS	-	-		XV750 Virago (All)	'81-'96	-	-	YB16AL-A2	-
	Speedmaster	'03-'05	-	YTX12-BS	-	-		YZF750R	'94-'98	-	YTX12-BS	-	-
750	Bonneville, Tiger	-	-	-	YB9-B	12N9-4B-1		YZF-R7	'99	-	YT9B-BS	-	-
	T150 Trident	-	-	-	YB7L-B	12N7-3B		FZ700, Fazer	'86-'87	YTX14AHL-BS *	-	YB14L-A2	-
	All Other Models	'93-'97	YTX14AHL-BS	-	-	-		XJ700 Maxim, XJ700X	'85-'86	YTX14AHL-BS *	-	YB14L-A2	-
675	Daytona 675	'06-'10	-	YT7B-BS	-	-		XV700 Virago	'84-'87	-	-	YB16AL-A2	-
	Street Triple	'09-'10	-	YTX9-BS	-	-		XT660X,R,Z (EU)	'04-'10	-	YT9B-BS	-	-
650	T120 Bonneville	-	-	-	YB7L-B	-		MT-03 (EU)	'06-'10	-	YT9B-BS	-	-
600	600 (12V)	-	-	-	-	B39-6 (x2 pcs)		TX650	'74	YTX14AHL-BS *	-	YB14L-A2	12N14-3A
	6T, T20B	-	-	-	-	6N11A-1B		TX650	'73	-	-	YB12A-A *	12N12A-4A-1
	Daytona 600/650, Speed Four	'03-'05	-	YTX9-BS	-	-		XJ650 (All)	'80-'83	-	-	YB12A-A *	12N12A-4A-1
	TT600	'00-'03	-	YTX12-BS	-	-		XS1	'70-'71	-	-	-	12N5.5-3B
500	500 (12V)	-	-	-	-	B39-6 (x2 pcs)		XS2	'72	-	-	YB12A-A *	12N12A-4A-1
	5TA, TR5A/R	-	-	-	-	6N11A-1B		XS650	'75-'83	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A
350	350 (6V)	-	-	-	-	6N11A-1B		XVS650 V-Star (All)	'98-'09	-	YT12B-BS	-	-
	350 (12V)	-	-	-	-	B39-6 (x2 pcs)		FJ600	'84-'85	-	-	YB12A-A *	12N12A-4A-1
	350 3TA, Twenty One	-	-	-	-	B38-6A		FZ6, R	'05-'10	-	YT12B-BS	-	-
250	Tigress (6V)	-	-	-	-	6N11A-1B							
	Tigress (12V)	-	-	-	-	6N11A-1B (x2 pcs.)							

\* See Battery Upgrade Cross Reference Chart on page 8.

# MOTORCYCLE APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>YAMAHA (continued)</b>							<b>YAMAHA (continued)</b>						
	FZ600	'86-'88	-	-	YB12A-A *	12N12A-4A-1	225	TTR225	'99-'05	-	-	YB7B-B	-
	FZR600/R	'89-'99	-	-	YB12AL-A2	-		XT225	'01-'07	YTZ7S	-	-	-
	SRX600	'86	-	-	YB5L-B *	12N5-3B		XT225 Serow	'92-'00	-	YTX7L-BS	-	-
	XJ600S Seca II	'92-'98	-	YTX9-BS	-	-	200	BW200E Big Wheel (Electric Start)	'86-'88	-	-	YB7C-A	-
	XT600	'84-'89	-	-	YB5L-B	-		CS3B, CS3C	'70-'71	-	-	YB9L-A2	-
	XT600E	'90-'95	-	YTX9-BS	-	-		CS5	'72	-	-	YB9L-A2	-
	YX600 Radian	'86-'90	-	-	YB12A-A *	12N12A-4A-1		RD200	'74-'76	-	-	YB9L-A2	-
	YZF-R6 (Excl. R6S)	'06-'10	YTZ10S	-	-	-		TW200	'87-'10	-	-	YB7C-A	-
	YZF-R6, R6S	'01-'07	-	YT9B-BS	-	-		XT200	'82-'83	-	-	-	6N4A-4D
	YZF-R6	'99-'00	-	YT12B-BS	-	-		YCS1	'68	-	-	YB9L-A2	-
	YZF600R	'95-'07	-	YTX12-BS	-	-		SR185 Exciter	'81-'82	-	-	YB7L-B	-
	XJ6, Deversion (EU)	'10	-	YT12B-BS	-	-	185	CT1, CT1B, CT1C 175 Enduro	'69-'71	-	-	-	6N2-2A-3
550	XJ550 Maxim, R Seca	'81-'83	-	-	YB12A-A *	12N12A-4A-1	175	CT2, CT3 175 Enduro	'72-'73	-	-	-	6N4A-4D
	XT550	'82-'83	-	-	YB5L-B *	12N5-3B		DT175 Enduro	'78-'81	-	-	-	6N6-3B-1
	XZ550R Vision	'82-'83	YTX14AHL-BS *	-	YB14L-A2	-		DT175 Enduro	'74-'76	-	-	-	6N4B-2A-3
535	XV535 Virago	'87-'99	-	-	YB12AL-A2	-	125	AS2C	'69	-	-	-	12N5.5A-3B
500	SR500	'78-'99	-	-	YB7L-B	12N7-3B		AT1E, AT1B, AT1C 125 Enduro	'69-'71	-	-	YB7L-B *	12N7-3B
	TX500	'73-'74	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A		AT2, AT3 125 Enduro	'72-'73	-	-	YB7L-B *	12N7-3B
	XS500	'75-'78	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A		DT125 Enduro	'74-'81	-	-	YB7L-B *	12N7-3B
	XT500	'76-'81	-	-	-	6N6-3B-1		RD125	'75-'76	-	-	-	12N5.5A-3B
	XV500 Virago	'83	-	-	YB12A-A *	12N12A-4A-1		TTR125E/LE Electric Start	'03-'07	-	YTX4L-BS	-	-
450	WR450F	'03-'07	YTZ7S	-	-	-		XT125	'82-'83	-	-	-	6N4A-4D
400	DT400 Enduro	'77-'78	-	-	-	6N6-3B-1		YA6	'64-'66	-	-	YB10L-B	-
	DT400 Enduro	'75-'76	-	-	-	6N4B-2A-3		YAS1/C	'68	-	-	-	12N5.5-3B
	FZR400 (All)	'88-'90	-	-	YB12AL-A2	-	100	DT100 Enduro	'77-'83	-	-	-	6N4-2A-5
	RD400	'76-'79	-	-	-	12N5.5A-3B		L5T, L5TA	'69-'70	-	-	YB7L-B *	12N7-3B
	XS400 (All)	'80-'83	-	-	YB12A-A *	12N12A-4A-1		LS2	'72	-	-	-	12N5.5A-3B
	SR400	'78-'00	-	-	YB7L-B *	12N7-3B-1		LT2, LT3 100 Enduro	'72-'73	-	-	-	6N4A-4D
	SR400	'01-'09	-	YT4B-BS	-	-		RS100	'75-'76	-	-	YB7L-B *	12N7-3B
	SR400 (FI)	'10	-	YT4B-BS	-	-	90	YL2C/CM	'68	-	-	-	12N5.5-3B
360	DT360 Enduro	'74	-	-	-	6N4B-2A-3		HT1, HT1B 90 Enduro	'70-'71	-	-	-	6N2-2A-3
	RT1, RT1B 360 Enduro	'70-'71	-	-	-	6N2-2A-3		TTR90E Electric Start	'03-'07	-	YT4B-BS	-	-
	RT2, RT3 360 Enduro	'72-'73	-	-	-	6N4-2A-5		DT80 Mini Enduro	'81-'83	-	-	-	6N4-2A-5
	XS360	'76-'78	-	-	YB12A-A *	12N12A-4A-1		G6S, G6SB	'70-'71	-	-	-	6N4A-4D
	XS360-2	'77	-	-	YB7L-B *	12N7-3B		G7S	'72	-	-	-	6N4A-4D
350	BW350 Big Wheel	'87-'88	-	-	YB12B-B2	12N5-3B		GT1 Mini Enduro	'73	-	-	-	6N4-2A-5
	R3	'69	-	-	YB5L-B *	12N5.5A-3B		GT80 Mini Enduro	'74-'80	-	-	-	6N4-2A-5
	R5, R5B, R5C	'70-'72	-	-	-	12N5.5A-3B		LB80 Chappy	'76-'78	-	-	-	6N4-2A-5
	RD350	'73-'75	-	-	-	12N5.5-3B		YG1	'62-'66	-	-	-	6N4A-4D
	RZ350	'84-'85	-	-	YB3L-B	-		YG5T, YG5S	'68-'69	-	-	YB7L-B *	12N7-3B
	XT350	'85-'00	-	-	-	12N5.5-3B		JT2 Mini Enduro	'72	-	-	-	6N2-2A-3
	YR2/C	'68	-	-	-	12N5.5-3B	60	RD60	'73-'75	-	-	-	6N4A-4D
250	DS6B, DS6C	'69-'70	-	-	YB5L-B	12N5-3B		DT50 Enduro	'88-'90	-	-	-	6N4B-2A-3
	DS7	'72	-	-	-	12N5.5A-3B		LB50P Chappy	'78-'82	-	-	-	6N4-2A-5
	DT1 250 Enduro	'68	-	-	-	6N2-2A-3		LC50 Champ	'80-'81	-	-	-	6N4-2A-5
	DT1B, DT1C, DT1E 250 Enduro	'69-'71	-	-	-	6N4-2A-5		MJ50 Towner	'82	-	-	-	6N4-2A-5
	DT2 250 Enduro	'72	-	-	-	6N6-3B-1		QT50 Yamahopper	'79-'87	-	-	-	6N4-2A-5
	DT250 Enduro	'77-'79	-	-	-	6N4B-2A-3		RX50 Special	'83-'84	-	-	-	6N4-2A-5
	DT250 Enduro	'74-'76	-	-	-	6N4-2A-5		TTR50E	'06-'07	-	YT4B-BS	-	-
	DT250 Enduro	'74-'76	-	-	-	6N4-2A-5		YSR50	'87-'92	-	-	-	6N4-2A-5
	DT3 250 Enduro	'73	-	-	-	6N4-2A-5				-	-	-	-
	RD250	'73-'75	-	-	-	12N5.5A-3B				-	-	-	-
	SR250 Exciter	'80-'82	-	-	YB12A-A *	12N12A-4A-1				-	-	-	-
	SRX250	'87	-	-	YB12A-A *	12N12A-4A-1				-	-	-	-
	TTR250	'99-'06	-	YT7B-BS	-	-				-	-	-	-
	WR250X, R	'08-'10	YTZ7S	-	-	-				-	-	-	-
	WR250F	'08-'09	YTZ7S	-	-	-				-	-	-	-
	WR250F	'03-'07	YTZ7S *	YTX5L-BS	-	-				-	-	-	-
	XT250	'08-'09	YTZ7S	-	-	-				-	-	-	-
	XT250	'84	-	-	YB3L-B	-				-	-	-	-
	XT250	'80-'83	-	-	-	6N6-3B-1				-	-	-	-
	XV250 Virago	'95-'03	-	-	YB10L-A2 *	12N10-3A-2				-	-	-	-
	XV250 Route 66	'88-'90	-	-	YB10L-A2 *	12N10-3A-2				-	-	-	-
	XV250YCR V Star 250	'09-'10	-	-	YB10L-A2 *	12N10-3A-2				-	-	-	-
	Tricker	'10	YTZ7S	-	-	-				-	-	-	-
230	TTR230E	'06-'07	YTZ7S *	YTX5L-BS	-	-				-	-	-	-

\* See Battery Upgrade Cross Reference Chart on page 8.



# SCOOTER APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>APRILIA</b>							<b>PIAGGIO</b>						
500	Scarabeo	'09-'10	-	YTX12-BS	-	-	500	MP3 500	'08-'10	YTX14H-BS *	YTX14-BS	-	-
250	Sport City	'09-'10	-	YTX12-BS	-	-	400	MP3 400	'08-'10	YTX14H-BS *	YTX14-BS	-	-
200	Scarabeo	'09-'10	-	-	YB12AL-A	-	250	MP3 250	'08-'10	YTX14H-BS *	YTX14-BS	-	-
150	Mojito	'09-'10	-	YTX7L-BS	-	-	500	BV500	'08-'10	YTX14H-BS *	YTX14-BS	-	-
100	Scarabeo ST	'09-'10	-	-	YB9-B	-	460	X9	'09	YTX14H-BS *	YTX14-BS	-	-
50	SR50	'09-'10	-	-	YB9-B	-	250	BV250	'08-'10	YTX14H-BS *	YTX14-BS	-	-
<b>E-TON</b>							<b>PIAGGIO - GILERA</b>						
50	Beamer 50, Beamer III	'00-'10	YTZ7S *	YTX5L-BS	-	-	500	Fuoco 500ie	'10	YTX20CH-BS *	YTX16-BS	-	-
	Matrix 50	'-10	YTZ7S *	YTX5L-BS	-	-		Nexus 500ie	'10	YTX14AHL-BS *	-	YB14L-A2	-
	Sport 50	'-10	-	YTX7A-BS	-	-	300	Nexus 300ie	'10	-	YTX14-BS	-	-
150	Sport 150	'-10	-	YTX7A-BS	-	-	200	Runner 200	'10	-	YTX12-BS	-	-
	Matrix R4-150	'-10	-	YTX9-BS	-	-	125	Runner 125	'10	-	YTX14-BS	-	-
	Beamer R4-150	'-10	-	YTX9-BS	-	-	50	SP50	'10	-	-	YB4L-B	-
<b>HONDA</b>							<b>PIAGGIO - VESPA</b>						
600	FSC600 Silver Wing	'02-'10	YTZ12S	-	-	-	300	GTS300	'10	YTX14H-BS *	YTX14-BS	-	-
250	CH250 Elite	'85-'90	-	YTX12-BS	-	-	250	GTS250	'10	YTX14H-BS *	YTX14-BS	-	-
	CN250 Helix	'93-'07	-	YTX12-BS	-	-		GTV250	'10	YTX14H-BS *	YTX14-BS	-	-
	CN250 Helix	'86-'87	-	YTX12-BS	-	-	150	LX150	'10	-	-	YB9-B	-
	NSS250 Reflex	'01-'09	YTZ12S	-	-	-	50	LX50	'10	-	-	YB9-B	-
	PS250 Big Ruckus	'05-'06	YTZ12S	-	-	-	<b>SYM</b>						
150	CH150 Elite	'87	-	YTX9-BS	-	YB9-B	250	RV250	'10	-	YTX12-BS	-	-
	CH150 Elite Deluxe	'85-'86	-	-	-	-	200	HD200	'10	-	YTX9-BS	-	-
	SH150	'-10	-	YTX7L-BS	-	-	125	HD125	'10	-	YTX9-BS	-	-
	FES150	-	-	YTR9-BS	-	-		Fiddlel125	'10	-	YTX7A-BS	-	-
125	CH125 Elite	'84	-	-	YB9-B	-	50	Fiddlel150	'10	-	YTX7A-BS	-	-
	FES125	-	-	YTR9-BS	-	-		SYMply50	'10	-	YTX7A-BS	-	-
	NH125 Aero	'84	-	-	YB5L-B	-		MIO 50	'10	-	YTX7A-BS	-	-
	Pantheon 125	-	-	YTR9-BS	-	-		JetEuro 50	'10	YTZ7S	-	-	-
80	CH80 Elite	'93-'09	YTZ7S *	YTX5L-BS	-	-		JetEuro 50	'10	-	YTX4L-BS	-	-
	NH80 Aero	'85	YTZ7S *	YTX5L-BS	-	-	<b>SUZUKI</b>						
	NH80MD Aero	'83-'84	-	-	YB5L-B	-	650	AN650 Burgman	'03-'10	YTX14H *FA	YTX14 FA	-	-
50	CHF50 Metropolitan, II, SP	'02-'10	YTZ7S	-	-	-	400	AN400 Burgman	'03-'10	-	Not Available	-	-
	NB50 Aero	'85-'87	-	YTX4L-BS	-	-	50	F50, F50R	'71	-	-	-	6N4-2A
	NB50M Aero	'83-'84	-	-	YB4L-B	-		FA50 Shuttle	'80-'91	-	-	-	6N2-2A-4
	NN50MD Gyro	'84	-	-	YB4L-B	-		FS50, FZ50	'79-'83	-	-	-	6N4-2A
	NPS50, S Ruckus	'03-'10	YTZ7S	-	-	-	<b>YAMAHA</b>						
	NQ50 Spree, 50D SS	'86-'87	-	YTX4L-BS	-	-	500	SP500 T-Max	'09-'10	YTZ10S	-	-	-
	NQ50 Spree	'84-'85	-	-	YB4L-B	-	400	YP400 Majesty	'04-'10	-	YT9B-BS	-	-
	P50 Little Honda	'67-'68	-	-	-	6N4-2A-4	250	Morphous	'06-'07	YTZ10S	-	-	-
	PA50I Moped, PA50II	'78-'83	-	-	-	6N4B-2A-5		Maxam	'-10	YTZ10S	-	-	-
	SA50 Elite LX, S, SR	'88-'01	-	YTX4L-BS	-	-	200	XC200 Riva	'87-'91	-	-	YB10L-B2	-
	SB50 (All)	'88-'90	-	YTX4L-BS	-	-	180	XC180 Riva	'83-'85	-	-	YB10L-B	-
	SE50 Elite (All)	'87	-	YTX4L-BS	-	-	125	XC125 Riva	'85-'01	-	-	YB7C-A	-
	TG50 Gyro S (All)	'85-'86	-	YTX4L-BS	-	-		YJ125T Vino 125	'04-'09	-	YTX7A-BS	-	-
<b>HYOSUNG</b>							<b>YAMAHA</b>						
250	NS3-250	'09-'10	-	YTX9-BS	-	-	500	SP500 T-Max	'09-'10	YTZ10S	-	-	-
100	EZ100	All Years	YTZ7S *	YTX5L-BS	-	-	400	YP400 Majesty	'04-'10	-	YT9B-BS	-	-
50	SB50 Super Cab, SD50 Sense, SF50 Prima, Rally, Sense	All Years	-	YTX4L-BS	-	-	250	Morphous	'06-'07	YTZ10S	-	-	-
<b>KYMCO</b>							<b>YAMAHA</b>						
500	Xciting 500i	'09-'10	YTX14H-BS *	YTX14-BS	-	-		Maxam	'-10	YTZ10S	-	-	-
400	Xciting 400i	'09	-	YTX12-BS	-	-	200	XC200 Riva	'87-'91	-	-	YB10L-B2	-
250	People 250	'09-'10	-	YTX12-BS	-	-	180	XC180 Riva	'83-'85	-	-	YB10L-B	-
	Xciting 250i	'10	-	YTX12-BS	-	-	125	XC125 Riva	'85-'01	-	-	YB7C-A	-
150	People S 150	'09-'10	-	YTX7A-BS	-	-		YJ125T Vino 125	'04-'09	-	YTX7A-BS	-	-
	Super 8 150	'09-'10	-	YTX7A-BS	-	-		Zuma 125	'09-'10	-	YTX7A-BS	-	-
125	People S 125	'09-'10	-	YTX7A-BS	-	-	80	CV80 Riva	'83-'87	-	-	6YB11-2D	6N11-2D
50	Super 8	'09-'10	-	YTX7A-BS	-	-	50	CA50 Riva	'83-'86	-	-	6YB8L-B	-
	Super 9	'09-'10	YTZ7S *	YTX5L-BS	-	-		CE50 Riva Jog	'86-'87	-	-	YB4L-B	-
	People	'09-'10	YTZ7S *	YTX5L-BS	-	-		CG50 Riva	'88-'91	-	-	YB4L-B	-
	People S 50	'09-'10	-	YTX7A-BS	-	-		CV50 Riva	'84	-	-	6YB8L-B	-
	Agility 50	'09-'10	-	YTX7A-BS	-	-		CW50 Zuma	'89-'90	-	-	YB4L-B	-
								CW50 Zuma II	'97-'01	-	-	YB4L-B	-
								CV50 Riva Jog	'92-'01	-	-	-	-
								SH50 Riva Razz	'87-'01	-	YTX4L-BS	-	-
								XC50 Vino Classic	'06-'10	YTZ7S *	YTX5L-BS	-	-
								XF50W (C3)	'07-'10	YTZ7S *	YTX5L-BS	-	-
								YW50A Zuma	'02-'03	YTZ7S *	YTX5L-BS	-	-
								VOX	'-10	YTZ7S *	YTX5L-BS	-	-

\* See Battery Upgrade Cross Reference Chart on page 8.

FA Must use Factory Activated battery

# UTILITY VEHICLE (UTV) APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	
<b>ARCTIC CAT</b>							<b>KYMCO</b>							
550	Prowler 550	'10	YTX24HL-BS	-	-	-	500	UXV500	'10	YTX20HL-BS *	YTX20L-BS	-	-	
650	Prowler 650	'06-'10	YTX24HL-BS *	-	Y50-N18L-A-CX	-	<b>POLARIS</b>							
700	Prowler 700	'10	YTX24HL-BS	-	-	-	170	Ranger RZR	'10	-	YTX12-BS	-	-	
1000	Prowler 1000	'10	YIX30L-BS *	-	YB30L-B	-	425	Ranger 2x4	'02-'03	YIX30L-BS *	-	YB30L-B	-	
<b>HONDA</b>							500	Ranger 6x6, 4x4	'98-'04	YIX30L-BS *	-	YB30L-B	-	
700	MUV700 Big Red	'08-'10	YTX14H-BS *	YTX14-BS	-	-	Ranger 4x4,	'04-'10	YIX30L-BS	-	-	-	-	
<b>KAWASAKI</b>							700	Ranger 6x6, 4x4	'06-'10	YIX30L-BS	-	-	-	-
300	KAF300, Mule 500, 520, 550		YTX14AH-BS *	-	YB14A-A2	-	800	RZR	'08-'10	YTX20HL-BS	-	-	-	
400	KAF400, Mule 600, 610	'05-'10	YTX14AH-BS *	-	YB14A-A2	-	<b>SUZUKI</b>							
450	KAF450, Mule 1000		YTX20HL-BS-PW *	-	YB16CL-B	-	620	QUV620F	'05	YTX20HL-BS *	YTX20L-BS	-	-	
540	KAF540, Mule 2010, 2020, 2030		YTX20HL-BS-PW *	-	YB16CL-B	-	<b>YAMAHA</b>							
620	KAF620, Mule 3010 4x4		YTX20HL-BS *	YTX20L-BS	-	-	Rhino	All Years	Not available	-	-	-	-	
	Advantage Classic	'03-'07	YTX20HL-BS *	-	YB16CL-B	-								
	KAF620, Mule 2500, 2510, 2520		YTX20HL-BS-PW *	-	-	-								
	KAF620, Mule 3000, 3010, 3020		YTX20HL-BS *	YTX20L-BS	-	-								
	Mule 4000	'10	Not available	-	-	-								
	KAF620F, Mule 4010 4x4 (US)	'10	Not available	-	-	-								
	KAF620F, Mule 4010 4x4 (CN)	'10	Not available	-	-	-								
	Mule 4010 Trans 4x4, Diesel,	'10	Not available	-	-	-								
	Mule 4000		Not available	-	-	-								
750	Teryx All Models (US)	'08-'10	Not available	-	-	-								
	Teryx All Models (CN)	'08-'10	Not available	KMX14-BS <sup>K</sup>	-	-								
950	KAF950, Mule 2510, 3010 Diesel	'10	Not available	-	-	-								

\* See Battery Upgrade Cross Reference Chart on page 8.  
<sup>K</sup> Available at Kawasaki dealers only.



# ALL TERRAIN VEHICLE (ATV) APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>AEON (BENZAI)</b>							<b>HONDA (continued)</b>						
50	Cobra/CX-Sport 50	All	-	YTX4L-BS	-	-	300	TRX300 Fourtrax	'88-'00	YTX14H-BS *	YTX14-BS	-	-
90	Cobra/CX-Sport 90	All	-	YTX4L-BS	-	-		TRX300X, EX	'93-'10	-	YTX9-BS	-	-
100	Cobra/CX-Sport 100	All	-	YTX4L-BS	-	-		TRX300FW Fourtrax 4x4	'88-'00	YTX14H-BS *	YTX14-BS	-	-
<b>ARCTIC CAT</b>													
50	DVX50	'06-'10	YTZ7S *	YTX5L-BS	-	-	350	FL350R Odyssey	'85	-	YTX12-BS	-	-
90	All Models	'06	-	YTX4L-BS	-	-		TRX350 Rancher	'00-'06	YTX14H-BS *	YTX14-BS	-	-
90	DVX90	'06-'10	YTZ7S *	YTX5L-BS	-	-		TRX350, D Fourtrax 4x4	'86-'89	YTX14H-BS *	YTX14-BS	-	-
150	150	'10	-	YTX9-BS	-	-	400	FL400R Pilot	'89-'90	YTX14H-BS *	YTX14-BS	-	-
250	All Models	'05	YTX14AHL-BS *	-	YB14L-A2	-		TRX400 Rancher AT	'04-'06	YTX14H-BS *	YTX14-BS	-	-
	DVX250, 2x4	'06	-	YTX12-BS	-	-	420	TRX400X, EX, Fourtrax, Sportrax	'99-'10	-	YTX9-BS	-	-
	250	'10	-	YTX12-BS	-	-		TRX400FW Foreman	'95-'03	YTX14H-BS *	YTX14-BS	-	-
300	DVX300	'10	-	YTX12-BS	-	-	450	TRX420 Fourtrax Rancher 4x4	'09	YTX14H-BS *	YTX14-BS	-	-
300	All Models	All	YTX14AHL-BS *	-	YB14L-A2	-		TRX450 Fourtrax Foreman S, ES	'98-'04	YTX14H-BS *	YTX14-BS	-	-
366	366	-	YTX14AH-BS *	-	YB14-A2	-		TRX450ER	'06-'09	YTZ7S	-	-	-
400	All Models	All	YTX14AH-BS *	-	YB14-A2	-	500	TRX500FA Fourtrax Rubicon	'01-'10	YTX14H-BS *	YTX14-BS	-	-
	DVX400	All	-	YTX9-BS	-	-		TRX500FE, FM, TM Trax Foreman	'05-'10	YTX14H-BS *	YTX14-BS	-	-
	TRV400	'10	YTX14AH-BS *	-	YB14-A2	-		FourTrax Foreman ES, 4x4	'05-'09	YTX14H-BS *	YTX14-BS	-	-
500	All Models	All	YTX14AH-BS *	-	YB14-A2	-	650	TRX650 FourTrax Rincon (Std.)	'03-'05	YTX14H-BS *	YTX14-BS	-	-
550	TRV550	'10	YTX20H-BS	-	YB14-A2	-		(Optional-cold starting)	'03-'04	YTX20HL-BS *	YTX20L-BS	-	-
650	4x4 Automatic 650H1, TBX650	'04-'06	YTX14AH-BS *	-	YB14-A2	-	680	TRX680FA Four Trax Rincon	'06-'10	YTX20HL-BS *	YTX20L-BS	-	-
700	TRV700	'10	YTX14AH-BS *	-	YB14-A2	-	700	TRX700XX	'08-'10	-	YTX9-BS	-	-
700H1	700H1	'10	YTX20H-BS	-	-	-	<b>HYOSUNG</b>						
1000	Thundercat	'10	YTX20H-BS	-	-	-	450	TE450S	'10	-	YTX9-BS	-	-
<b>BRP (Can-Am)</b>							<b>JOHN DEERE</b>						
50	DS50, Quest	'02-'06	-	YTX4L-BS	-	-	All Models All Years YTX20HL-BS-PW* - YB16CL-B -						
70	DS70	'10	-	YTX4L-BS	-	-	<b>KAWASAKI</b>						
90	DS90, DS90F, Quest	'02-'10	-	YTX4L-BS	-	-	50	Mini Skyhawk	All	-	YTX4L-BS	-	-
200	Rally	'02-'06	YTX14AH-BS *	-	YB14A-A2	-		Skyhawk 50	All	YTZ7S *	YTX5L-BS	-	-
250	DS250	'06-'10	-	YTX12-BS	-	-	65	KS, KU Models	All	-	YTX7A-BS	-	-
330	Outlander 330	'04-'05	-	YTX15L-BS	-	-	90	KS, KU Models	All	-	YTX7A-BS	-	-
400	Outlander 400	'03-'04	-	YTX15L-BS	-	-		Skyhawk 90	All	YTZ7S *	YTX5L-BS	-	-
	Outlander 400, XT, MAX	'04-'10	YTX20HL-BS *	YTX20L-BS	-	-	125	KS, KU Models, Adventure Buggy	All	-	YTX7A-BS	-	-
450	DS450	'10	-	YTX12-BS	-	-	150	Skyhawk 150, Adventure Buggy	All	-	YTX7A-BS	-	-
500	Traxter (All Models), Quest	'99-'05	YTX20HL-BS-PW *	-	YB16CL-B	-	170	Skyhawk 170	All	-	YTX7A-BS	-	-
	Traxter (All Models), Quest(Opt)	'02-'05	YTX24HL-BS *	-	Y50-N18L-A-CX*	Y50-N18L-A	250	Skyhawk 250	All	-	YTX7A-BS	-	-
	Outlander, MAX, Renegade	'10	YTX20HL-BS *	YTX20L-BS	-	-	<b>KAWASAKI</b>						
650	DS650	'00-'06	-	YTX15L-BS	-	-	50	KFX50	'07-'10	YTZ7S *	YTX5L-BS	-	-
	Quest	'02-'05	YTX20HL-BS-PW *	-	YB16CL-B	-	80	KSF80-A (KFX80)	'03-'05	YTZ7S *	YTX5L-BS	-	-
	Quest (Opt)	'02-'05	YTX24HL-BS *	-	Y50-N18L-A-CX*	Y50-N18L-A	90	KFX90	'07-'10	YTZ7S *	YTX5L-BS	-	-
	Outlander, MAX	'10	YTX20HL-BS *	YTX20L-BS	-	-	110	KLF110-B Mojave	'87-'88	-	-	YB9L-A2	-
660	Outlander 660 EFI	'06	YTX20HL-BS *	YTX20L-BS	-	-	185	KLF185-A Bayou	'85-'88	-	-	YB10L-B	-
800	Outlander 800 EFI, Renegade	'06-'09	YTX20HL-BS *	YTX20L-BS	-	-	200	KLT200-A, C	'81-'84	-	-	YB10L-B	-
<b>E-TON</b>							<b>KAWASAKI</b>						
50	All models	'04-'05	YTZ7S *	YTX5L-BS	-	-		KLT200-B, C	'83	-	-	YB12A-A	-
	AXL, TXL, NXL, RXL	'99-'03	-	YTX4L-BS	-	-	220	KLF220-A Bayou	'88-'02	-	-	YB10A-A2	-
70	Viper 70	'10	YTZ7S *	YTX5L-BS	-	-		KLF220-A Bayou (CN)	'92-'02	YTX14AH-BS *	-	YB14A-A2	-
90	All models	'04-'10	YTZ7S *	YTX5L-BS	-	-	250	KLF250-A Bayou	'03-'10	-	-	YB10A-A2	-
	AXL, TXL, NXL, RXL	'99-'03	-	YTX4L-BS	-	-		KLF250-A Bayou (CN)	'03-'05	YTX14AH-BS *	-	YB14A-A2	-
	DXL90 Sierra	'99-'03	-	YTX4L-BS	-	-		KLT250-A	'82-'83	-	-	YB12A-A	-
150	CXL150 Yukon II	'00-'10	-	YTX9-BS	-	-		KLT250-C Prairie	'83	-	-	YB12A-A	-
	YXL150 Yukon	'00-'03	-	YTX9-BS	-	-		KLT250-C Prairie	'84-'85	-	-	YB10L-B	-
	Viper150R	'10	-	YTX9-BS	-	-	300	KEF300-A Lakota	'95-'00	YTX14AH-BS *	-	YB14A-A2	-
250	Vector250	'10	-	YTX12-BS	-	-		KEF300-A Lakota Sport	'01-'03	YTX14AH-BS *	-	YB14A-A2	-
<b>HONDA</b>							<b>KAWASAKI</b>						
90	TRX90X, EX	'06-'10	YTZ7S *	YTX5L-BS	-	-		KEF300-B Lakota Sport	'01-'03	YTX14AH-BS *	-	YB14A-A2	-
125	ATC125M	'86-'87	-	YTX12-BS	-	-		KLF300-A Bayou	'86-'87	YTX20HL-BS-PW *	-	YB16CL-B	-
	ATC125M	'84-'85	-	-	YB9A-A	-		KLF300-B Bayou	'88-'04	YTX14AH-BS *	-	YB14A-A2	-
	TRX125 Fourtrax	'87-'88	-	YTX9-BS	-	-		KLF300-B Bayou (CN)	'92-'99	YTX20HL-BS-PW *	-	YB16CL-B	-
	TRX125 Fourtrax	'85-'86	-	-	YB9A-A	-		KLF300-C Bayou 300 4x4	'89-'04	YTX14AH-BS *	-	YB14A-A2	-
200	ATC200 Big Red	'82-'84	YTX14AH-BS *	-	YB14A-A2	-		KLF300-C Bayou 300 4x4 (CN)	'92-'05	YTX20HL-BS-PW *	-	YB16CL-B	-
	ATC200M	'84-'85	YTX14AH-BS *	-	YB14A-A2	-		KVF300-A Prairie 300, 4x4	'99-'02	YTX14AH-BS *	-	YB14A-A2	-
	TRX200 Fourtrax	'90-'96	-	YTX12-BS	-	-		KVF300-A Prairie 300, 4x4 (CN)	'99-'01	YTX20HL-BS-PW *	-	YB16CL-B	-
	TRX200 Fourtrax	'84	YTX14AH-BS *	-	YB14A-A2	-		KVF300-B Prairie 300, 4x4	'99-'02	YTX14AH-BS *	-	YB14A-A2	-
	TRX200SX Fourtrax	'86-'88	-	YTX12-BS	-	-		KVF300-B Prairie 300, 4x4 (CN)	'99-'02	YTX20HL-BS-PW *	-	YB16CL-B	-
250	ATC250ES Big Red	'85-'87	-	YTX12-BS	-	-	360	KVF360 Prairie	'10	YTX14AH-BS *	-	YB14A-A2	-
	ATC250SX	'85-'87	-	YTX12-BS	-	-	400	KLF400-B Bayou 400 4x4	'93-'00	YTX20HL-BS-PW *	-	YB16CL-B	-
	TRX250X, EX	'01-'10	-	YTX9-BS	-	-		KSF400-A (KFX400)	'03-'06	-	YTX9-BS	-	-
	TRX250 Fourtrax	'85-'87	-	YTX12-BS	-	-		KVF400-A Prairie 400 4x4	'97-'00	YTX14AH-BS *	-	YB14A-A2	-
	TRX250 TE, TM, FourTrax Recon	'97-'10	-	YTX12-BS	-	-		KVF400-A Prairie 400 4x4 (CN)	'97-'00	YTX20HL-BS-PW *	-	YB16CL-B	-
	TRX250 Recon, ES	'97-'03	-	YTX12-BS	-	-		KVF400-B Prairie 400 4x4	'98-'00	YTX14AH-BS *	-	YB14A-A2	-
								KVF400-B Prairie 400 4x4 (CN)	'98-'00	YTX20HL-BS-PW *	-	YB16CL-B	-
								KVF400-C Prairie 400, 4x4	'99-'02	YTX14AH-BS *	-	YB14A-A2	-
								KVF400-C Prairie 400, 4x4 (CN)	'99-'02	-	KMX14-BS K	-	-

\* See Battery Upgrade Cross Reference Chart on page 8.

K Available at Kawasaki dealers only.

# ALL TERRAIN VEHICLE (ATV) APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>KAWASAKI (continued)</b>							<b>SUZUKI (continued)</b>						
	KVF400-D Prairie 400, 4x4	'99-'02	YTX14AH-BS *	-	YB14A-A2	-	250	LT250EF QuadRunner	'85-'86	-	-	Y50-N18A-A	-
	KVF400-D Prairie 400, 4x4 (CN)	'99-'01	-	KMX14-BS K	-	-		LT-4WD QuadRunner	'87-'99	YTX14AH-BS *	-	YB14A-A2	-
450	KFX450R	'08-'10	-	YTX7L-BS	-	-		LT-4WD QuadRunner (Opt)	'87-'99	-	-	Y50-N18A-A	-
650	4x4 Advantage Classic	'02-'03	-	KMX14-BS K	-	-		LT-F250 QuadRunner	'88-'01	YTX14AH-BS *	-	YB14A-A2	-
	KVF650 Brute Force	'02-'10	-	KMX14-BS K	-	-		LT-F250 QuadRunner (Opt)	'88-'01	-	-	Y50-N18A-A	-
700	KVF650-A, B, D Prairie 700, 4X4	'04-'06	-	KMX14-BS K	-	-		LT-F250, F Ozark	'02-'10	-	YTX12-BS	-	-
	KFX700	'03-'10	-	KMX14-BS K	-	-		LT-F250F QuadRunner	'99-'02	YTX14AH-BS *	-	YB14A-A2	-
	KVF700-A, B, D Prairie 700, 4x4	'04-'06	-	KMX14-BS K	-	-		LT-F250F QuadRunner (CN, Opt)	'99-'02	-	-	Y50-N18A-A	-
750	KVF750 Brute Force	'05-'10	-	KMX14-BS K	-	-		LT-Z250 QuadSport	'04-'10	-	YTX9-BS	-	-
<b>KTM</b>													
450	SX ATV	'08-'10	YTZ7S*	YTX5L-BS	-	-	280	LT-F4WDX KingQuad	'91-'99	YTX14AH-BS *	-	YB14A-A2	-
	XC ATV	'08-'09	YTZ7S*	YTX5L-BS	-	-		LT-F4WDX KingQuad (CN, Opt)	'91-'99	-	-	Y50-N18A-A	-
505	SX ATV	'08-'10	YTZ7S*	YTX5L-BS	-	-	300	LT-F4WDX KingQuad	'99-'02	YTX14AH-BS *	-	YB14A-A2	-
	XC ATV	'08-'09	YTZ7S*	YTX5L-BS	-	-		LT-F4WDX KingQuad (Opt)	'99-'02	-	-	Y50-N18A-A	-
525	SC ATV	'10	YTZ7S*	YTX5L-BS	-	-		LT300E QuadRunner 300E	'87-'89	YTX14AH-BS *	-	YB14A-A2	-
<b>KYMCO</b>													
50	Mongoose 50	All	YTZ7S *	YTX5L-BS	-	-	400	LT-A400 Eiger 2WD, F Eiger 4WD	'02-'07	YTX14H-BS *	YTX14-BS	-	-
90	Mongoose 90	All	YTZ7S *	YTX5L-BS	-	-		LT-F400 Eiger 2WD, F Eiger 4WD	'02-'07	YTX14H-BS *	YTX14-BS	-	-
150	MXU150	All	-	YTX9-BS	-	-		LT-Z400 QuadSport	'03-'10	-	YTX9-BS	-	-
250	Mongoose, MXU	All	-	YTX12-BS	-	-	450	LT-A450 King Quad	'07-'10	YTX14H-BS *	YTX14-BS	-	-
300	MXU300SD	All	-	YTX12-BS	-	-		LT-R450 QuadRacer	'06-'10	YTZ10S *	YTX7A-BS	-	-
	Mongoose300	-10	-	YTX12-BS	-	-	500	LT-A500F QuadMaster	'00-'01	-	YTX16-BS-1	-	-
500	MXU500	-10	YTX20HL-BS *	YTX20L-BS	-	-		LT-A500F Vinson 4WD	'04-'07	YTX20CH-BS	-	-	-
<b>POLARIS</b>													
50	Predator, Outlaw	'04-'10	YTZ7S *	YTX5L-BS	-	-	50	YFM50 Raptor	'04-'09	-	-	-	12N7D-3B
	Scrambler	'01-'02	-	YTX4L-BS	-	-	80	YFM80 Badger	'85-'01	-	-	-	12N7D-3B
	Scrambler	'03	YTZ7S *	YTX5L-BS	-	-		YFM80 Grizzly	'05-'08	-	-	-	12N7D-3B
90	Predator, Sportsman, Outlaw	'03-'10	YTZ7S *	YTX5L-BS	-	-		YFM80R Raptor	'02-'08	-	-	-	12N7D-3B
	Scrambler, Sportsman	'01-'02	-	YTX4L-BS	-	-	90	YFM90R Raptor	'09-'10	YTZ7S *	YTX5L-BS	-	-
200	Phoenix, Sawtooth	'05-'10	-	YTX12-BS	-	-	100	YFM100 Champ	'87-'91	-	-	-	12N7D-3B
250	All Models	'85-'05	YTX14AH-BS *	-	YB14A-A2	-	125	YFA-1 Breeze	'89-'04	-	-	YB12C-A	-
300	Hawkeye, Sportsman 300	'06-'10	-	-	YB14A-B2	-		YFM125S, G	'04-'10	-	-	YB12C-A	-
325	All Models	'87-'02	YTX14AH-BS *	-	YB14A-A2	-	200	YFM200, DX Moto 4	'85-'89	YTX14AH-BS *	-	YB14A-A1	-
330	Magnum, Trail	'03-'09	YTX14AH-BS *	-	-	-		YTM200, E, ER Tri Moto	'83-'85	YTX14AH-BS *	-	YB14A-A1	-
335	Sportsman	'98-'01	YTX14AH-BS *	-	YB14A-A2	-	225	YFM225 Moto 4	'86-'88	YTX14AH-BS *	-	YB14A-A1	-
400	All Models	'94-'08	YTX14AH-BS *	-	YB14A-A2	-		YTM225DR, DX Tri-Moto	'83-'86	YTX14AH-BS *	-	YB14A-A1	-
	Sportsman	'10	YTX14AH-BS	-	-	-	230	YFU-1/T Pro-Hauler	'89	YTX14AH-BS *	-	YB14A-A1	-
425	All Models	'95-'02	YTX14AH-BS *	-	YB14A-A2	-	250	YFB250, F Timber Wolf	'92-'00	-	-	YB12C-A	-
450	Diesel, 445 Litre (primary)	'99-'03	YIX30L-BS *	-	YB30L-B	-		YFM25 Bear Tracker	'99-'04	YTX14AH-BS *	-	YB14A-A2	-
	Diesel, 445 Litre (secondary)	'99-'03	YTX14AH-BS *	-	YB14A-A2	-		YFM250 Moto 4	'89-'91	YTX14AH-BS *	-	YB14A-A1	-
	Outlaw 450	'07-'10	-	YTX9-BS	-	-		YFM250 Big Bear	'07-'10	YTX14AH-BS *	-	YB14A-A2	-
500	All Models (Excl. Predator, Sportsman)	'99-'10	YTX14AH-BS *	-	YB14A-A2	-		YFM25B Bruin	'05-'06	YTX14AH-BS *	-	YB14A-A2	-
	Sportsman	'96-'10	YTX14AH-BS *	-	YB14A-A2	-		YFM25R Raptor	'08-'10	YTZ7S	-	-	-
	Sportsman EFI	'07-'10	YTX20HL-BS	-	-	-	350	YFM35B Bruin	'04-'06	YTX14AH-BS	-	-	-
	Sportsman EFI	'06	-	YIX30L-BS	-	-		YFM35ER Moto 4	'87-'95	YTX14AH-BS *	-	YB14A-A1	-
	Predator, Outlaw	'03-'06	-	YTX9-BS	-	-		YFM35F, U Big Bear	'87-'99	YTX14AH-BS *	-	YB14A-A1	-
550	Sportsman	'10	YIX30L-BS	-	-	-		YFM35FX Wolverine	'95-'05	-	-	YB12C-A	-
525	Outlaw 525	'08-'10	-	YTX9-BS	-	-		YFM35FX Wolverine	'06-'10	YTX14AH-BS	-	-	-
550	Sportsman	'10	YTX20HL-BS	-	-	-		YFM35G FG Grizzly	'07-'10	YTX14AH-BS	-	-	-
600	Sportsman	'04-'05	YIX30L-BS *	-	YB30L-B	-		YFM35R Raptor	'04-'10	YTZ10S	-	-	-
700	Sportsman, Military	'02-'08	YIX30L-BS *	-	YB30L-B	-		YFM35U Big Bear	'87-'99	YTX14AH-BS *	-	YB14A-A1	-
	Sportsman	'10	YIX30L-BS	-	-	-		YFM35X Warrior	'87-'03	-	-	YB12C-A	-
800	Sportsman	'05-'10	YIX30L-BS	-	-	-		YFP35 TerraPro	'88	YTX14AH-BS *	-	YB14A-A1	-
850	Sportsman	'10	-	Not Available	-	-		YFM40FB Big Bear	'00-'10	YTX20HL-BS *	YTX20L-BS	-	-
<b>QIANJIANG</b>													
100	ATV100		-	YTX4L-BS	-	-	400	YFM40FG Grizzly	'07-'08	YTX14AH-BS	-	-	-
50	ATV50		-	YTX4L-BS	-	-		YFM40FW Kodiak	'93-'95	YTX14AH-BS	-	YB14A-A1	-
<b>SUZUKI</b>													
50	LT-Z50 QuadSport	06-'10	YTZ7S *	YTX5L-BS	-	-		YFM40FW Kodiak/Automatic	'03-'06	YTX14AH-BS	-	-	-
80	LT80 QuadSport 80	'87-'06	YTZ7S *	YTX5L-BS	-	-		YFM40FW Kodiak/Automatic	'96-'02	YTX20HL-BS *	YTX20L-BS	-	-
90	LT-Z90 QuadSport	'07-'10	-	YTX7A-BS	-	-		YFM400FVN Big Bear	'00-'03	YTX20HL-BS *	YTX20L-BS	-	-
160	LT160 E QuadRunner	'89-'94	-	-	YB9A-A	-	450	YFM45FG Grizzly	'07-'10	YTX20HL-BS *	YTX20L-BS	-	-
160	LT160 E QuadRunner	'03-'04	-	-	YB9A-A	-		YFM45FX Wolverine	'03-'10	YTX20HL-BS *	YTX20L-BS	-	-
	LT-F160 QuadRunner	'91-'01	-	-	YB9A-A	-							
230	LT230E QuadRunner	'87	Not available	-	-	-							
	LT230E QuadRunner	'88-'93	-	YTX12-BS	-	-							
	LT230GE QuadRunner	'85-'86	-	-	YB10A-A2	-							
	LT-F230 QuadRunner	'86-'87	-	-	YB10A-A2	-							

\* See Battery Upgrade Cross Reference Chart on page 8.

K Available at Kawasaki dealers only.

FA Must use Factory Activated battery.



# ALL TERRAIN VEHICLE (ATV) APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>YAMAHA (continued)</b>													
450	YFZ450	'04-'09	-	YT7B-BS	-	-							
	YFZ450X	'08	-	YT7B-BS	-	-							
	YFZ450R	'09-'10	YTZ7S	-	-	-							
550	YMF5FG Grizzly	'10	YTX20HL-BS *	YTX20L-BS	-	-							
600	YFM600FW Grizzly	'98-'01	YTX20HL-BS *	YTX20L-BS	-	-							
	YFV600FW Grizzly	'98-'01	YTX20HL-BS *	YTX20L-BS	-	-							
660	YFM66FA Grizzly	'02-'08	YTX20HL-BS *	YTX20L-BS	-	-							
	YFM66R Raptor	'01-'05	YTX14H-BS *	YTX14-BS	-	-							
700	YFM7FG Grizzly	'07-'10	YTX20HL-BS *	YTX20L-BS	-	-							
	YFM70R Raptor	'06-'10	-	YT9B-BS	-	-							



# PERSONAL WATERCRAFT (PWC) APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>AQA-JET CO.</b>							<b>KAWASAKI (JET SKI) (continued)</b>						
430	Aqua-Jet SX1	'91	-	-	YB16-B	-		JS750 SXi, SXi Pro	'95-'02	YTX20HL-BS *	YTX20L-BS	-	-
432	Aqua-Jet Sx1	'89-'90	-	-	YB16-B	-		JT750 STS, STX	'96-'98	YTX20HL-BS *	YTX20L-BS	-	-
<b>ARCTIC CAT</b>								800 JS800 SX-R	'03-'10	YTX20HL-BS *	YTX20L-BS	-	-
640	Tiger Shark	'97-'99	YTX14AHL-BS *	-	YB14L-A2	-		900 JH900 ZXi	'95-'97	YTX20HL-BS *	YTX20L-BS	-	-
770	Tiger Shark	'97-'99	YTX14AHL-BS *	-	YB14L-A2	-		JT900 STS, STX	'97-'05	YTX20HL-BS *	YTX20L-BS	-	-
<b>BRP (SEA DOO)</b>								1100 JH1100 ZXi	'96-'03	YTX20HL-BS *	YTX20L-BS	-	-
1500	GTI, GTX, RXP, RXT, WAKE	'10	-	-	YB30CL-B	-		JH1100-B Ultra 130	'01-'04	YTX20HL-BS *	YTX20L-BS	-	-
1500	GTX 4-Tec, RXP	'03-'07	-	-	YB30CL-B	-		JT1100 STX	'97-'03	YTX20HL-BS *	YTX20L-BS	-	-
	All Models	'88-'93	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-		1200 JH1200-A, B Ultra 150	'99-'05	YTX20HL-BS *	YTX20L-BS	-	-
	All Other Models	'94-'07	YTX20HL-BS-PW *	-	YB16CL-B	-		JT1200-A-B, C, STX-R, STX-15F	'02-'07	YTX20HL-BS *	YTX20L-BS	-	-
780	3D	'07	YTX20HL-BS-PW *	-	YB16CL-B	-		1500 JT1500-A, STX, STX-15F	'04-'10	YTX20HL-BS *	YTX20L-BS	-	-
<b>HONDA</b>								JT1500B, C, 250X, Ultra LX, 260(L)X	'07-'10	YTX20HL-BS *	YTX20L-BS	-	-
1235	AquaTrax F/R-12, F/R-12X	'02-'09	YTX20HL-BS *	YTX20L-BS	-	-	<b>POLARIS</b>						
1470	AquaTrax F-15, F-15X	'03-'10	YTX20HL-BS *	YTX20L-BS	-	-	All	All Models	All	YTX20HL-BS-PW *	-	YB16CL-B	-
<b>KAWASAKI (JET SKI)</b>							<b>S.O.S. MARINE MFG</b>						
300	JS300 TS, SX	'86-'91	YTX20HL-BS-PW *	-	YB16CL-B	-	All	All Models	All	YTX20H-BS *	YTX20-BS *	YB16-B-CX *	YB16-B
400	JS400	'76	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-	<b>ULTRANAUTICS</b>						
440	JS440	'87-'92	YTX20HL-BS-PW *	-	YB16CL-B	-	800	All Models	'87-'92	-	-	53030	-
	JS440	'77-'86	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-		Wet Bike	'85-'86	-	-	-	YHD-12H
550	JS550	'82-'85	YTX20HL-BS *	YTX20L-BS *	YB16L-B	-		1250 Jet Star1250 (Boat)	'88-'90	-	-	53030	-
	JS550, SX	'86-'95	YTX20HL-BS-PW *	-	YB16CL-B	-		Jet Star1250 (Boat)	'91	-	-	53030	-
650	JF650 TS	'89-'96	YTX20HL-BS-PW *	-	YB16CL-B	-	<b>WET JET INTERNATIONAL</b>						
	JF650 X2	'86-'95	YTX20HL-BS-PW *	-	YB16CL-B	-	All	All Models	All	YTX20H-BS *	YTX20-BS *	YB16-B-CX *	YB16-B
	JL650 SC	'91-'95	YTX20HL-BS-PW *	-	YB16CL-B	-	<b>YAMAHA</b>						
	JS650 SX	'87-'95	YTX20HL-BS-PW *	-	YB16CL-B	-	All	All Wave Runner Models	'87-'08	YTX20HL-BS-PW*	-	YB16CL-B	-
750	JH750 B1-b3	'93-'95	YTX20HL-BS-PW *	-	YB16CL-B	-		700 Superjet	'09-'10	YTX20HL-BS-PW *	-	YB16CL-B	-
	JH750 E1,F2, G1, G2	'95-'99	YTX20HL-BS *	YTX20L-BS	-	-		1100 VX	'09-'10	YTX20HL-BS-PW *	-	YB16CL-B	-
	JH750 SS,ST, Xi, XiR	'92-'99	YTX20HL-BS-PW *	-	YB16CL-B	-		1800 FX	'09-'10	YTX20HL-BS-PW *	-	YB16CL-B	-
	JH750 ST, ZXi	'95-'97	YTX20HL-BS *	YTX20L-BS	-	-							
	JH750 SX,ZX	'92-'95	YTX20HL-BS-PW *	-	YB16CL-B	-							
	JS750 SX, Zx	'92-'95	YTX20HL-BS-PW *	-	YB16CL-B	-							

\* See Battery Upgrade Cross Reference Chart on page 8.

# SNOWMOBILE APPLICATIONS



cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>ARCTIC CAT</b>							<b>ARTIC CAT (continued)</b>						
1056	Z1, T Z1	-10	YTX20H-BS	-	-	-	Prowler Special	'91-'92	YTX20H-BS *	YTX20-BS *	YB18-A	-	-
	T500, T570	'02-'03	-	-	YB18-A	-	Puma	'94-'96	YTX14AH-BS *	-	YB14-A2	-	-
	4 Stroke Trail, Touring	'02-'03	YTX24HL-BS *	-	Y50-N18L-A-CX	-	Sabercat 500	'04-'06	YTX20H-BS *	YTX20-BS *	YB18-A	-	-
	Bearcat 340,440	'95-'00	YTX14AH-BS *	-	YB14-A2	-	Sabercat 600, 700	'04-'06	YTX24HL-BS *	-	Y50-N18L-A-CX	-	-
	Bearcat 570	'04-'09	YTX24HL-BS *	-	Y50-N18L-A-CX	-	T660 Touring	'04-'06	YTX24HL-BS *	-	Y50-N18L-A-CX	-	-
	Bearcat WT Turbo	'06-'07	YTX24HL-BS	-	-	-	T660 Turbo	'04-'07	YTX24HL-BS	-	-	-	-
	Bearcat WT	'05-'07	YTX24HL-BS	-	-	-	T660 Turbo Touring	'04-'07	YTX24HL-BS	-	-	-	-
	Bearcat WT	'03-'04	YTX24HL-BS *	-	Y50-N18L-A	-	Thundercat	'97-'02	YTX20H-BS *	YTX20-BS *	YB18-A	-	-
	Bearcat WT	'95-'02	YTX20H-BS *	YTX20-BS *	YB18-A	-	Wildcat (EFI)	'95-'96	-	-	YB7-A *	12N7-4A	-
	Cheetah	'91-'93	YTX14AHL-BS *	-	YB14L-A2	-	Wildcat (EFI)	'93	-	-	YB16L-B	-	-
	Cheetah	'86-'90	-	-	YB16L-B	-	Wildcat MC	'94	-	-	YB7-A *	12N7-4A	-
	Cougar	'95-'98	YTX20H-BS *	YTX20-BS *	YB18-A	-	Wildcat Touring	'95-'96	-	-	YB7-A *	12N7-4A	-
	Cougar	'91-'94	YTX14AHL-BS *	-	YB14L-A2	-	Z	'98-'01	YTX14AH-BS *	-	YB14-A2	-	-
	Cougar	'85-'90	-	-	YB16L-B	-	Z 370, 440	'02-'07	YTX14AH-BS *	-	YB14-A2	-	-
	Crossfire 500	'07	YTX20H-BS	-	-	-	Z 570	'02-'08	YTX24HL-BS *	-	Y50-N18L-A-CX	-	-
	Crossfire 600	'06-'07	YTX20H-BS	-	-	-	ZL 500	'02	YTX20H-BS *	YTX20-BS *	YB18-A	-	-
	Crossfire 700	'06	YTX20H-BS	-	-	-	ZL 550, 600	'02-'03	YTX20H-BS *	YTX20-BS *	YB18-A	-	-
	El Tigre 5000	'87-'88	YTX14AHL-BS *	-	YB14L-A2	-	ZL 800	'02-'03	YTX24HL-BS *	-	Y50-N18L-A-CX	-	-
	EXT	'95-'97	-	-	-	12N7-4A	ZR (EFI)	'95-'96	-	-	YB7-A *	12N7-4A	-
	EXT	'92-'94	YTX14AHL-BS *	-	YB14L-A2	-	ZR 500, 600	'01-'02	YTX20H-BS *	YTX20-BS *	YB18-A	-	-
	EXT	'89-'91	-	-	YB16L-B	-	ZR 800	'02-'03	YTX24HL-BS *	-	Y50-N18L-A-CX	-	-
	EXT (Carb)	'95-'96	YTX20H-BS *	YTX20-BS *	YB18-A	-	ZR 900	'03-'06	YTX24HL-BS *	-	Y50-N18L-A-CX	-	-
	EXT (EFI)	'98	YTX20H-BS *	YTX20-BS *	YB18-A	-	ZRT	'97-'02	YTX20H-BS *	YTX20-BS *	YB18-A	-	-
	EXT (EFI)	'95-'97	-	-	-	12N7-4A							
	EXT 600	'97-'98	YTX20H-BS *	YTX20-BS *	YB18-A	-	<b>BRP – SKI-DOO</b>						
	EXT Dlx (EFI)	'97-'98	YTX24HL-BS *	-	Y50-N18L-A-CX	-	All 4-stroke	'03	YTX24HL-BS	-	-	-	-
	EXT Special	'91-'92	YTX14AHL-BS *	-	YB14L-A2	-	All Models	(Thru) '98	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	F6, F8, F1000	'07-'09	YTX20H-BS	-	-	-	CK3 Types	'99-'03	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	F5	'07-'09	YTX20H-BS *	YTX20-BS *	YB18-A	-	Elite	'04-'06	YIX30L-BS	-	-	-	-
	Firecat	'03-'06	YTX24HL-BS *	-	Y50-N18L-A-CX	-	ZK Types	'99-'01	-	YTX15L-BS	-	-	-
	Jag AFS	'89-'91	YTX14AHL-BS *	-	YB14L-A2	-	ZK Types	'02-'03	YTX20HL-BS *	YTX20L-BS	-	-	-
	Jag AFS L/T	'89-'93	YTX14AHL-BS *	-	YB14L-A2	-	300 Skandic	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	Jag Liquid	'96	YTX14AH-BS *	-	YB14-A2	-	550 Expedition, Freestyle, Skandic	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	Jag Z	'94	YTX14AH-BS *	-	YB14-A2	-	Grand Touring, Renegade	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	Jag Z	'93	YTX14AHL-BS *	-	YB14L-A2	-	GSX, GTX, MX Z	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	Jag, Jag Dix	'94-'99	YTX14AH-BS *	-	YB14-A2	-	600 Expedition, Skandic, Summit	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	Jag, Jag Dix	'85-'93	YTX14AHL-BS *	-	YB14L-A2	-	Grand Touring, Renegade	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	Jaquar	'07	YTX20H-BS	-	-	-	GSX, GTX	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	King Cat 900	'04-'06	YTX24HL-BS *	-	Y50-N18L-A-CX	-	800 Expedition, Legend, Skandic	-10	YTX24HL F/A	-	-	-	-
	Lynx	'91-'93	YTX14AHL-BS *	-	YB14L-A2	-	Renegade, Summit	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	M 5	'05-'06	YTX20H-BS	-	-	-	GSX, MX Z	-10	YTX20HL F/A *	YTX20L F/A	-	-	-
	M 6	'05-'07	YTX20H-BS	-	-	-	1200 Grand Touring,	-10	YTX20HL F/A	-	-	-	-
	M 7	'05-'06	YTX20H-BS	-	-	-	GSX, GTX, MX Z	-10	YTX20HL F/A	-	-	-	-
	Mountain Cat	'01	YTX20H-BS *	YTX20-BS *	YB18-A	-							
	Mountain Cat 500	'02	YTX20H-BS *	YTX20-BS *	YB18-A	-	<b>KAWASAKI</b>						
	Mountain Cat 570	'02-'04	YTX24HL-BS *	-	Y50-N18L-A-CX	-	All Models	All	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	Mountain Cat 600	'02-'04	YTX20H-BS *	YTX20-BS *	YB18-A	-							
	Mountain Cat 800	'02-'04	YTX24HL-BS *	-	Y50-N18L-A-CX	-	<b>POLARIS</b>						
	Mountain Cat 900	'03-'04	YTX24HL-BS *	-	Y50-N18L-A-CX	-	All EFI (RXL, 500 EFI)	'93-'97	-	-	YB9A-A	-	-
	Mountain Cat 1000	'02	YTX20H-BS *	YTX20-BS *	YB18-A	-	All Electric Start Kits	'85-'93	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	Pantera	'99-'01	YTX20H-BS *	YTX20-BS *	YB18-A	-	All Electric Start Kits	'94-'05	YTX14AH-BS *	-	YB14A-A2	-	-
	Pantera	'95-'98	YTX24HL-BS *	-	Y50-N18L-A-CX	-	All Other Model	'92-'05	YTX14AH-BS *	-	YB14A-A2	-	-
	Pantera	'94	YTX20H-BS *	YTX20-BS *	YB18-A	-	Indy, Indy Trail	'84-'91	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	Pantera	'86-'93	YTX14AHL-BS *	-	YB14L-A2	-	Sprint (Electric Start)	'86-'90	-	-	Y60-N24-A	-	-
	Pantera	'80-'85	-	-	YB16L-B	-	Trail, Trail Touring	-10	YTX14AH-BS *	-	YB14A-A2	-	-
	Pantera 550, 600	'02-'05	YTX20H-BS *	YTX20-BS *	YB18-A	-	600 IQ Touring	-10	YTX14AH-BS *	-	-	-	-
	Pantera 800	'02-'04	YTX24HL-BS *	-	Y50-N18L-A-CX	-	750 Wide Track	'89-'09	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	Panther	'94-'96	YTX14AH-BS *	-	YB14-A2	-	FS/FST	'06-'10	YTX20HL-BS *	YTX20L-BS	-	-	-
	Panther	'89-'93	YTX14AHL-BS *	-	YB14L-A2	-	Turbo Switchback, Turbo Dragon	'06-'10	YTX20HL-BS *	YTX20L-BS	-	-	-
	Panther	'80-'88	-	-	YB16L-B	-	Turbo LX	'10	YTX20HL-BS *	YTX20L-BS	-	-	-
	Panther 340	'97-'00	YTX14AH-BS *	-	YB14-A2	-	<b>YAMAHA</b>						
	Panther 370	'01-'07	YTX14AH-BS *	-	YB14-A2	-	80 SV80E Sno-Scoot	'88-'90	-	-	YB7L-B *	12N7-3B	-
	Panther 440	'97-'03	YTX14AH-BS *	-	YB14-A2	-	125 SV125E Sno-Sport	'90-'91	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	-
	Panther 550	'97-'01	YTX20H-BS *	YTX20-BS *	YB18-A	-	300 CF300 Inviter	'86-'90	-	-	YB16L-A2	-	-
	Panther 570	'02-'07	YTX24HL-BS *	-	Y50-N18L-A-CX	-	340 EC340 Ovation Deluxe/LE	'89-'98	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	-
	Panther 660	'06-'07	YTX24HL-BS *	-	Y50-N18L-A-CX	-	EC340 Excel III	'81-'88	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	-
	Powder Extreme	'97-'98	YTX20H-BS *	YTX20-BS *	YB18-A	-	ET340E Enticer	'79	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	-
	Powder Special	'95-'97	YTX20H-BS *	YTX20-BS *	YB18-A	-	ET340E Enticer	'80	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	-
	Prowler	'94	-	-	YB7-A *	12N7-4A							
	Prowler	'90-'93	YTX14AHL-BS *	-	YB14L-A2	-							
	Prowler 2-Up	'95	YTX20H-BS *	YTX20-BS *	YB18-A	-							

\* See Battery Upgrade Cross Reference Chart on page 8.  
 FA Must use Factory Activated battery



# SNOWMOBILE APPLICATIONS

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
<b>YAMAHA (continued)</b>							<b>YAMAHA (continued)</b>						
480	PZ480E Phazer Deluxe	'84-'89	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	VX600DX Vmax 600 Deluxe	'99-'01	YTX24HL-BS *	-	-	Y50-N18L-A-CX *	Y50-N18L-A
	PZ480E Phazer Deluxe	'90-'98	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	VX600E/DX Vmax 600 LE/DX	'94-'96	-	-	-	YB16AL-A2	-
	VT480 Venture GT	'92-'93	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	VX600ER Vmax 600 ER	'02-'03	YTX24HL-BS *	-	-	Y50-N18L-A-CX *	Y50-N18L-A
	VT480 Venture GT	'91-'97	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	VX600XTC Vmax 600 XTC	'97-'98	-	-	-	YB16AL-A2	-
	VT480TR Venture TR Electric	'98	YTX14AHL-BS *	-	YB14L-A2 *	12N14-3A	700 SXV700ER Viper ER	'02-'05	YTX24HL-BS *	-	-	Y50-N18L-A-CX *	Y50-N18L-A
500	Phazer	'-10	YTX14H-BS *	YTX14-BS	-	-	VT700 Venture 700	'98-'04	YTX24HL-BS *	-	-	Y50-N18L-A-CX *	Y50-N18L-A
	Venture Lite	'-10	YTX14H-BS *	YTX14-BS	-	-	VX700DX Vmax 700 Deluxe	'99-'00	YTX24HL-BS *	-	-	Y50-N18L-A-CX *	Y50-N18L-A
	PZ500DX Phazer 500 Deluxe	'01	-	-	YB16AL-A2	-	VX700ER Vmax 700 ER	'01-'02	YTX24HL-BS *	-	-	Y50-N18L-A-CX *	Y50-N18L-A
	VT500 Venture 500	'97-'01	-	-	YB16AL-A2	-	VX700XTC Vmax 700 XTC Deluxe	'98	YTX24HL-BS *	-	-	Y50-N18L-A-CX *	Y50-N18L-A
	VT500 Venture 500 XL	'99-'00	-	-	YB16AL-A2	-	973 Vector	'-09	YTX20HL-BS *	YTX20L-BS	-	-	-
	VX500E Vmax	'94-'01	-	-	YB16AL-A2	-	Viking	'-09	YTX20HL-BS *	YTX20L-BS	-	-	-
540	EC540 Excel	'79-'80	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	998 Apex	'06-'09	YTX14H-BS *	YTX14-BS	-	-	-
	VK540E, II, III	'89-'03	-	-	YB16AL-A2	-	1000 RS1000S, GT, RS	'06-'10	YTX20HL-BS *	YTX20L-BS	-	-	-
	XL540 XLV	'85-'90	-	-	YB16AL-A2	-	RX1000R RX (All Models)	'03-'05	YTX20HL-BS *	YTX20L-BS	-	-	-
570	EX570E Exciter	'88-'90	-	-	YB16AL-A2	-	1049 FX Nitro	'-10	YTX20HL-BS *	YTX20L-BS	-	-	-
	EX570E Exciter II LE	'91-'93	-	-	YB16AL-A2	-	RS Venture	'-10	YTX20HL-BS *	YTX20L-BS	-	-	-
600	VT600 Venture 600	'97-'98	-	-	YB16AL-A2	-	RS Vector	'-10	YTX20HL-BS *	YTX20L-BS	-	-	-
	VT600 Venture 600	'99-'06	YTX24HL-BS *	-	Y50-N18L-A-CX *	Y50-N18L-A	RS Viking professional	'09-'10	YTX20HL-BS *	YTX20L-BS	-	-	-

\* See Battery Upgrade Cross Reference Chart on page 8.

# JAPANESE TRACTOR APPLICATIONS



MODEL	BATTERY	MODEL	BATTERY
<b>HONDA</b> EU3000is (Generator) EX4000 (Generator) EX4500 (Generator) H6522	YTX9-BS YB18L-A * YB18L-A * 55B24L(S)	<b>KUBOTA (continued)</b> B7200 F150S, F260S, F300S G1800, G1900 G3200, G4200, G5200 T1600 T1640 T1700X	46B24L(S) 46B24L(S) 55B24L(S) 40B19L(S) 40B19L(S) 55B24L(S) 40B19L(S)
<b>ISEKI</b> TU1400, TU1500 TU1600, TU1700 TU1900, TU2100 TX1000, TX1210 TX1300, TX1410 TX1500, TX1510	46B24R 46B24R 46B24R 46B24R 46B24R 46B24R	<b>mitsubishi</b> D1500, D2000 D2300, D2350 D2600, D2650 D3250 M1301 NS60 S630 ST1500, ST1510 ST1520, ST1550 ST2001, ST2300	46B24R 46B24R 46B24R 46B24R 46B24R 46B24R 46B24R 46B24R 46B24R 46B24R
<b>KAWASAKI</b> GD700-A52-700C GE5000-ASI 5000cc	YTX4L-BS 40B19L(S)	<b>YANMAR</b> YM122, YM146 YM155, YM165 YM180D, YM187	46B24R 40B19L 46B24R
<b>KUBOTA</b> ADT70S (Tiller) B1550, B1750 B20, B2150, B4200 B5100 B5200 B6100 B6200, B7100	YB14-A2 * 55B24L(S) 55B24L(S) 40B19L(S) 55B24L(S) 46B24L(S) 55B24L(S)		

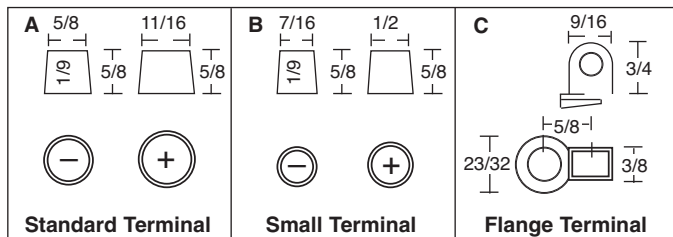
See 12 Volt Import Specialty Battery Specifications above.

# JAPANESE TRACTOR BATTERY SPECIFICATIONS

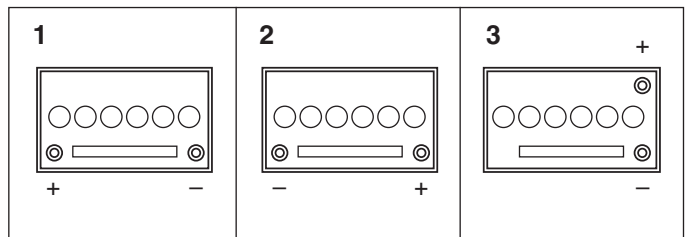
Yuasa Type	Old Reference Number (Discontinued)	Plate/Cell	Capacity AH (5 hr)	Capacity AH (20 hr)	Cranking Performance (Amps 0°F)	Reserve Capacity Minutes (80°F)	Overall Dimensions			Shipping Weight Dry (lbs.)	Volume of Acid (oz.)	Charging Current (Amp)	See Key	
							L (inches)	W (inches)	H (inches)				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)	NX60L(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)	NX100S6L(S)	13	36	45	410	70	9 3/8	5 1/16	8 15/16	21.3	109.3	4.5	A	2
115F51	N120	21	96	120	638	240	19 7/8	7 3/16	10 1/8	48.7	317.4	12.0	A	3
145F51	NS150	25	120	150	760	296	19 7/8	7 3/16	10 1/8	56.2	370.3	14.0	A	3

Figures are based on JIS/SAE specifications and reference only.

## TERMINALS (Measurements in inches)



## BATTERY LAYOUTS



# BATTERY CHARGERS

## Yuasa MB-2040

Part No. YUA1202040

- High Output charging current (4 amps)
- High Voltage capable (20 volts) – designed to improve recovery of sulfated batteries
- Switchable Mode operation
  - “Fast Mode” – for quick vehicle set-up
  - “Normal Mode” – ideal for smaller batteries, initial activation, and deeply discharged batteries
- Commercial Grade – perfect for Dealer / Shop use
- Suitable for all battery types – Conventional, as well as MF (AGM), including YTZ
- Automatic Shut-Off
- Reverse Polarity Protection / Spark-free Operation (UL / CUL) approved)
- Durable construction for longer life
- 3 year limited warranty

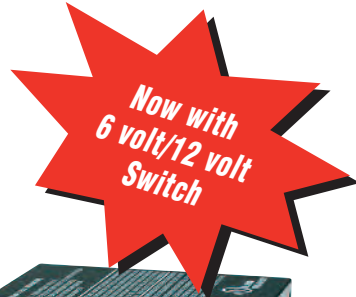


## Yuasa SmartShot Automatic 6/12V 1.5 Amp 5 Stage Battery Charger

Part No. YUA1201501

Yuasa's Automatic 6/12V 1.5 Amp battery charger incorporates superior 5 stage charging technology. This high power unit provides error proof operation to fully charge sealed maintenance free and conventional lead acid batteries.

- 6/12 volt switch
- Provides up to 16 volts (in 12 volt mode) to enable recovery of sulfated batteries during pre-qualification stage
- 28 day Charge Recycle – re-evaluates battery status for long term storage
- Designed to prevent overcharging
- AC power LED indicator
- Charging and float mode LED display
- Reverse polarity protection
- Spark-free operation
- Battery accessory leads and fused ring connectors included
- Steel construction for durability
- 3 year limited warranty



## Yuasa SmartShot 900 Automatic 12V 900mA Battery Charger

Part No. YUA1200901

Yuasa's Automatic 900mA 12V battery charger is the industry's most powerful plug-in wall charger. Combining the latest technology and a host of user-friendly features, this compact, high power unit provides optimum amperage return and is designed to fully charge and maintain conventional and sealed maintenance free batteries.

- Fully automatic three level charge cycle for effective charging
- Reaches 14.4 volts peak, then automatically switches to float
- Designed to prevent overcharging
- AC power LED indicator
- Charging and float mode LED display
- Reverse polarity protection
- Spark-free operation
- Durable construction for longer life
- Battery accessory leads and fused ring connectors included
- 12 ft. output cord
- 3 year limited warranty



# BATTERY ACCESSORIES



## Jumper Cables

Part No. YUA00ACC07

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



## Battery Tester

Part No. YUA00BTY01

- Developed exclusively for the Powersports industry
- Determines accurate battery status in seconds
- Single load, dynamic resistance technology minimizes battery drain during test
- Tests both charged and discharged batteries accurately
- 1 year limited warranty



Part No. YUA00ACC04

## Battery Accessory Lead and Fused Ring Connectors

- Simple, quick connection
- Can be used with Yuasa's 1.5 Amp and 900 mA chargers for applications ranging from motorcycles, automobiles and personal watercraft to ATVs, snowmobiles and riding mowers

## Battery Analyzer

Part No. YUA00ACC06

- Easy installation
- Shows battery condition at the push of a button
- Offers the confidence of knowing when your battery is fully charged



# MERCHANDISING AIDS



## Yuasa High Performance Battery Display

Part No. YUASARACK

- 37" wide x 62" high x 15" deep
- Displays high performance batteries attractively and professionally
- Heavy-duty construction designed for extra heavy loads
- High visibility double-sided display includes header and application chart
- No tools required for assembly (except for optional wheels)
- Includes optional wheels and shelf liners

Note: Actual product design is subject to change.



## Yuasa Battery Rack and Header

Part No. 60052

- 24" wide x 48" high x 10" deep
- Displays batteries attractively and professionally
- Heavy-duty steel construction designed for heavy loads
- Attention-getting silk-screened header
- Easily assembled – no tools
- Great sales and promotional tool

Note: Actual product design is subject to change.

## Yuasa Battery Counter Mat

Part No. YUA-016

- Colorful counter mat puts battery replacement applications at your finger tips.
- 23" wide x 16" high
- Printed on durable material.

Note: Actual product design is subject to change.

## Yuasa Batteries 3' x 5' Banner

Part No. YUA-928

- Eye-catching contemporary graphics
- High-quality silk screening won't fade or crack
- Made to last: weather-resistant, brass grommets and stitched edges
- Durable enough for outside use – attractive enough for inside!

Note: Actual product design is subject to change.



**Call for additional Merchandising Aids**

# BATTERY FEATURES

## Patented Sealed Post

prevents acid seepage, reduces corrosion – extends battery life.

## Safety Valve Flame/Arrestor

relieves excess pressure.

## Thru-Partition Construction

provides shorter current path with less resistance than "over the partition" construction – you get more cranking power when you need it!

## Special Active Material

is compounded to withstand vibration, prolong battery life and dependability.

## Special Grid Design

withstands severe vibration, assures maximum conductivity.

## Special Separator

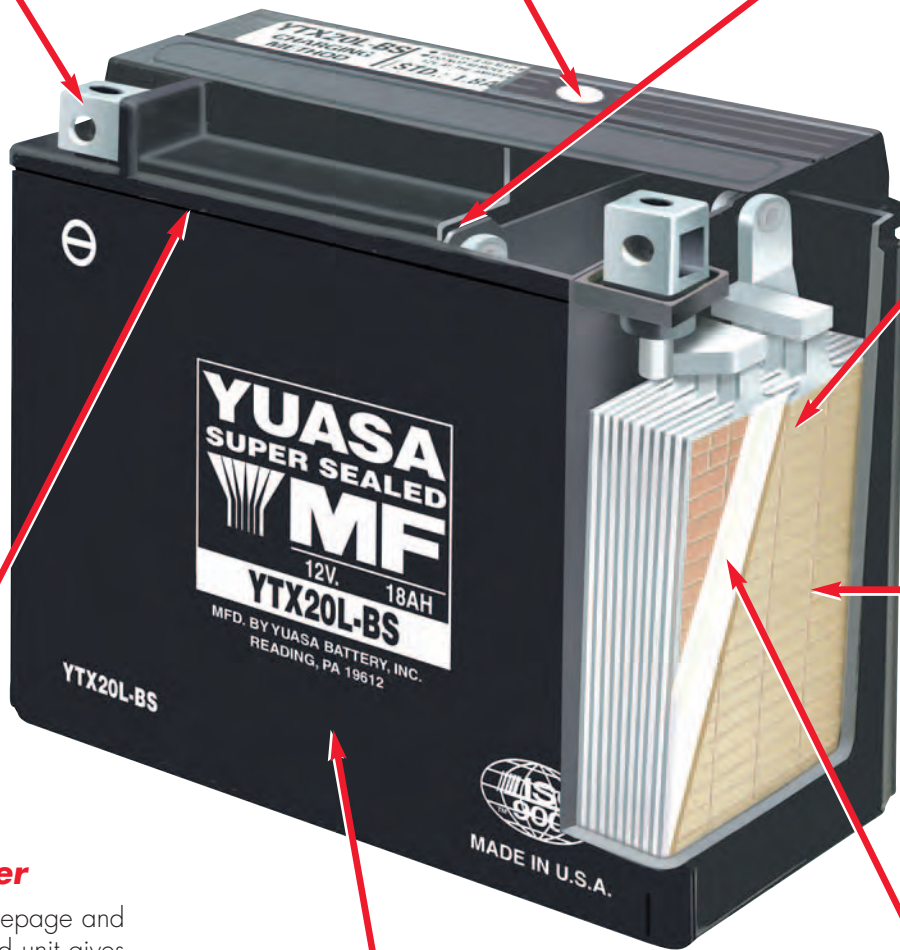
makes the battery spill-proof. Valve regulated design eliminates water loss and the need to refill with acid.

## Heat Sealed Case to Cover

protects against seepage and corrosion – bonded unit gives extra strength.

## Polypropylene Cover and Container

assures reserve electrolyte capacity for cooler operating temperatures; gives greater resistance to gas and oil – and impact in extreme weather conditions!





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