

YUASA

Battery Applications & Specifications



Batteries, Chargers & Accessories for:

- Motorcycles
- Scooters
- Utility Vehicles
- All-Terrain Vehicles
- Personal Watercraft
- Snowmobiles
- Riding Mowers



the Best Chargers, for the Best Batteries

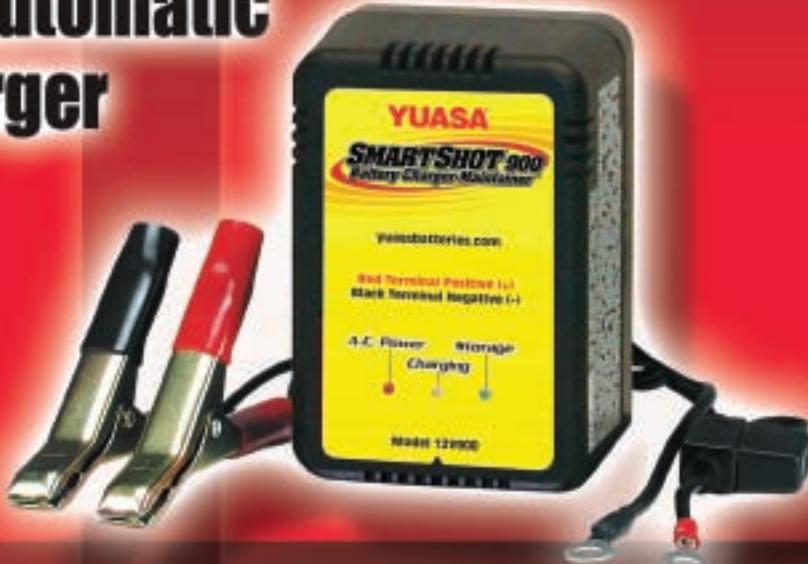
Yuasa SmartShot Automatic 6/12V 1.5 Amp 5 Stage Battery Charger



*High power unit provides
error proof operation
to fully charge sealed
maintenance free and
conventional lead
acid batteries*

Yuasa SmartShot 900 Automatic 12V 900mA Battery 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*



**Every Powersports Enthusiast
Needs Yuasa Battery Chargers**



YUASA
www.yuasabatteries.com

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ODVOLÁNÍ

Informace o výměnách baterií, zveřejněné v tomto sešitě, byly získány z návodů od výrobců (viz. seznam), vyjma těch, které jsou zřetelně označeny. Upozorňujeme uživatele, že informace obsažené v tomto sešitě jsou neaktuálnější, které byly v době vydání sešitu k dispozici. Informace jsou předmětem změny po upozornění výrobcem zařízení nebo po zjištění z praktického užití. Uživatelé by měli použít nejnovější vydání sešitu "YUASA APPLICATIONS & SPECIFICATIONS DATA BOOK". Yuasa a Micronix, spol. s r.o. výslovně odmítají jakoukoliv odpovědnost za přesnost dodaných údajů. Přestože jsme vynaložili maximální úsilí abyhom přesně příradili informace o náhradních bateriích v tomto sešitě, Yuasa a Micronix, spol. s r.o. nenesou jakoukoliv odpovědnost za škody vzniklé v důsledku použití informací z tohoto sešitu. Uživatelé by se také měli pokusit o získání informací o náhradních bateriích z návodu k použití příslušného zařízení od výrobce nebo od servisního zástupce.

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.

YUASA



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



Yuasa high performance maintenance free VRLA batteries fit:

YTX14AH-BS – 60+ applications including motorcycles, utility vehicles, ATVs, snowmobiles and riding mowers. (Upgrade for YB14A2, YB14B2, YB14AA1, YB14AA2)

YTX14HL-BS – 120+ applications including motorcycles, ATVs, snowmobiles and riding mowers. (Upgrade for YB14L2, YB14LB2, 12N14-3A)

YTX14H-BS – 200+ applications including motorcycles and ATVs. (Upgrade for YTX14-BS)

YTX20CH-BS – 9+ applications including motorcycles and ATVs. (Upgrade for YTX16-BS)

YTX20H-BS – 10+ applications including motorcycles, personal watercraft and riding mowers. (Upgrade for YTX20-BS)

YTX20HL-BS – 55+ applications including motorcycles, utility vehicles, ATVs, personal watercraft and riding mowers. (Upgrade for YTX20L-BS)

YTX20HL-BS-PW – 30+ applications including utility vehicles, ATVs and personal watercraft. (Upgrade for YB16CL-B)

YTX24HL-BS – 45+ applications including motorcycles, ATVs, snowmobiles and riding mowers. (Upgrade for Y50-N18L-A, Y50-N18L-A3, Y50-N18L-ACX, SY50-N18L-AT)

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

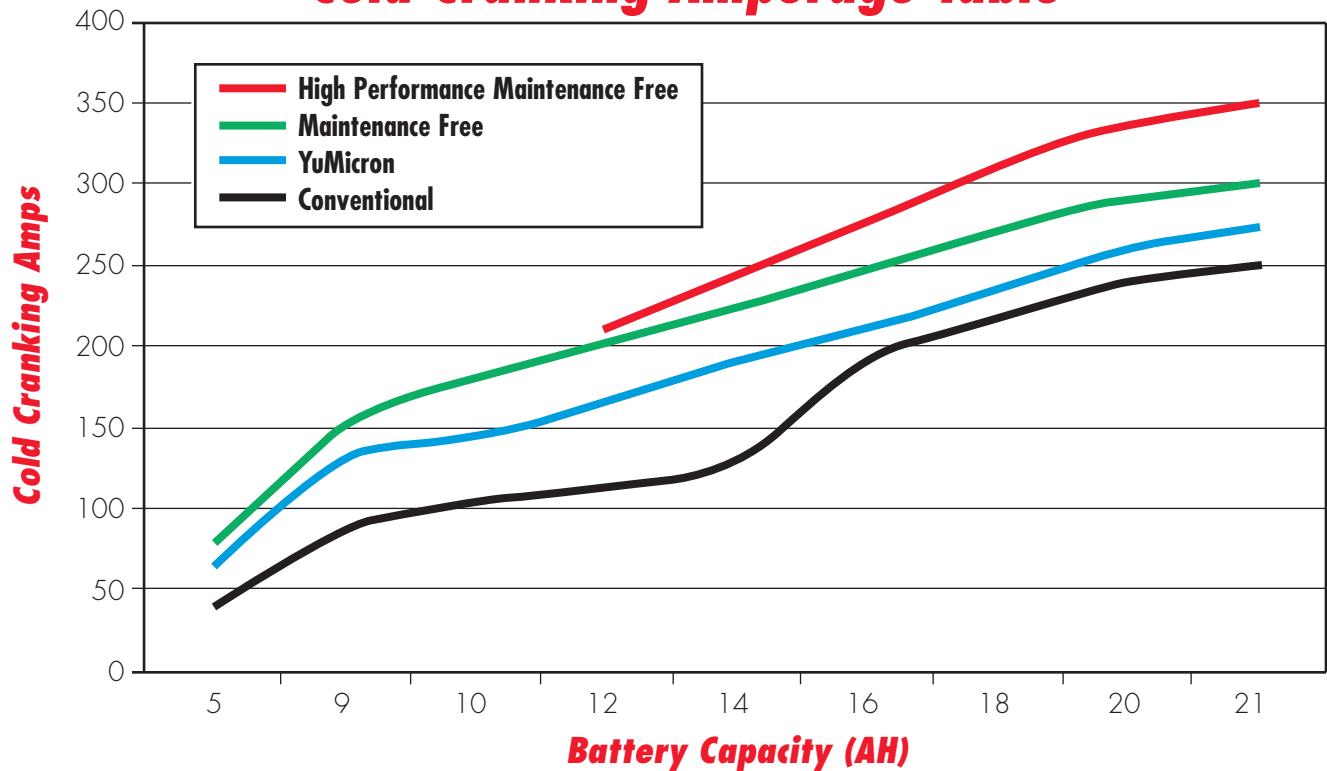


YuMicron

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

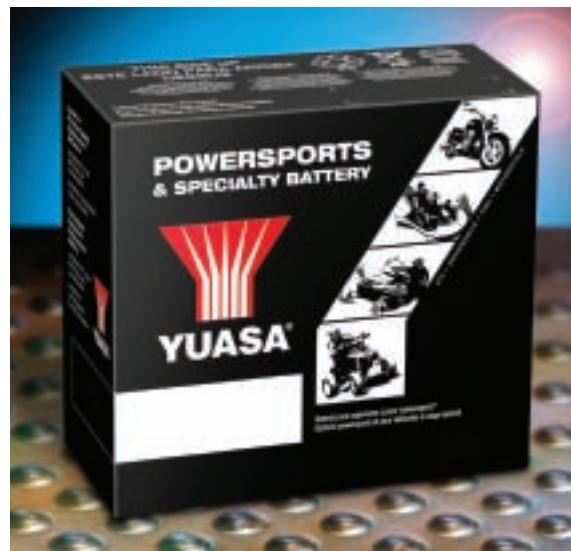
Cold Cranking Amperage Table





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.

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.



NEW Products for 2008

NEW VERSION with 6/12 volt switch



see page 30 for product details

Battery Types

6N12A-2C (replaces 6N12A-2D)

Applications:

HONDA

185cc	CM185T Twinstar	1978-1979
200cc	CM200T Twinstar	1980

6N4-2A-6 (replaces 6N4-2A-8)

Applications:

HONDA

50cc	NA50 Express II	1980-1981
50cc	NC50 Express	1980-1983
70cc	CT70 Trail	1980-1982

FEATURES AND BENEFITS SUMMARY

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
YuMicron		
Separator	Leaf or Envelope Separator	Polyethylene with glass mat sheet bonded for compression to withstand severe vibration conditions
YTX		
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
High Performance Maintenance Free		
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					
1				YB14L-A1 YTX16-BS-1				
2				YB9L-A2 12N5.5-4A YB16AL-A2				
3				YB7C-A 12N24-3 Y60-N24AL-B 12N24-3A Y60-N24-A				
4				YB12C-A YTX14L-BS YTX20-BS YTX20HL-BS-PW	YB16B-A YTX14AH-BS YTX20L-BS YTX24HL	Y50-N18L-A3 YTX14AHL-BS YTX20H-BS YTX24HL-BS	YB30L-B YTX15L-BS YTX20HL-BS	YB30CL-B YTX20CH-BS YTX20HL-PW
5				YTX4L-BS YTX9-BS YB4L-A	YTX5L-BS YTX12-BS YB4L-B	YTZ7S KMX14-BS YB16C-B	YTX7A-BS YTX14-BS YB16CL-B	YTX7L-BS YTX16-BS YIX30L
6				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 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 SYB16L-B 12N7-3B 12N9-3B 6N12A-2D
7				HYB16A-AB Y50-N18A-A	YB16B-A1 ** Y50-N18L-A	YB18-A Y50-N18L-A-CX	YB18L-A SY50-N18L-AT	
8				YB10A-A2 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	
9				YHD-12 12N9-3A				
10				51814 51913 53030				
11				YT9B-4 YT7B-BS	YTZ10S YTR9-BS	YTZ12S YT12A-BS	YTZ14S YT12B-BS	YT14B-4
12				YTR4A-BS				
13				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 YIX30L
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	YTX24HL(-BS) YB30L-B YB30CL-B
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	YTX24HL(-BS) YB30L-B YB30CL-B
5POLSS16M	16mm Stainless Steel Bolt, Nut, Washer Set	YTX20L-BS YTX20HL-BS	(Polaris Victory only)
5BNBSS14M	14mm Stainless Steel Bolt & Nut Set	YHD-12 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> 1991-1996 Dyna Glide 1991-1996 Softail 1984-1990 Softail 1979-1996 Sportster 1982-1994 FXR Models	YTX20(H)L-BS

BATTERY UPGRADE CROSS REFERENCE CHART

HIGH PERFORMANCE MAINTENANCE FREE	FACTORY ACTIVATED MAINTENANCE FREE	MAINTENANCE FREE VRLA*	YUMICRON CX	YUMICRON	CONVENTIONAL
YTX4L-BS	-	YT4L-BS (Discontinued)	YB4L-A, YB4L-B	6YB11-2D	6N11-2D
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
-	-	-	-	YB9L-A2	12N9-3A-1 (disc.)
-	-	-	-	YB10L-B	12N10-3B (disc.)
-	-	-	-	YB10L-A2	12N10-3A-2
-	-	-	-	YB12A-A	12N12A-4A-1
YTX14H-BS	YTX14H	YTX14-BS	-	-	-
YTX14AH-BS	YTX14AH	-	-	YB14-A2, YB14-B2	-
YTX14AH-BS ††	YTX14AH ††	-	-	YB14A-A1, YB14A-A2	-
YTX14AHL-BS	YTX14AHL	-	-	YB14L-A2	12N14-3A
YTX14AHL-BS	YTX14AHL	-	-	YB14L-B2	-
YTX20CH-BS	-	YTX16-BS	-	-	-
YTX20H-BS ‡	YTX20H, YTX20 ‡	YTX20-BS ‡	YB16-B-CX	YB16-B	-
YTX20H-BS ‡	YTX20H, YTX20 ‡	YTX20-BS ‡	-	YB18-A	-
YTX20HL-BS-PW S	YTX20HL-PW S	YTX20HL-BS C	YB16HL-A-CX	YB16CL-B	-
YTX20HL-BS C	YTX20HL, YTX20L C	YTX20L-BS C	-	-	-
YTX20HL-BS ‡	YTX20HL, YTX20L ‡	YTX20L-BS ‡	-	YB16L-B	12N16-3B (disc.)
YTX20HL-BS ‡	YTX20HL, YTX20L ‡	YTX20L-BS ‡	-	YB18L-A	-
YTX24HL-BS ‡‡	YTX24HL ‡‡	-	Y50-N18L-A-CX	Y50-N18L-A	-
YTX24HL-BS	YTX24HL	-	-	Y50-N18L-A3	-
YTX24HL-BS ‡‡ (1)	YTX24HL ‡‡ (1)	-	-	SY50-N18L-AT	-
-	YIX30L	-	-	YB30L-B	-
-	YIX30L	-	-	53030	Y60-N24AL-B (disc.)

* Valve Regulated Lead Acid.

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

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

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

‡ The YTX20 series batteries may be used as an optional upgrade, but some modification to the hold down may be necessary.

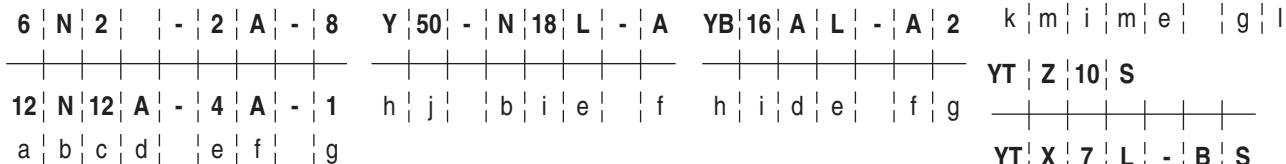
See battery label for retrofit cautions.

‡‡ Top and front terminal mounts only.

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

Designation of Battery Type Numbers

Examples:

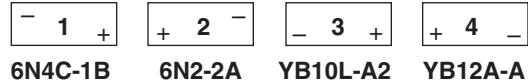


Designations:

- 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

"e" Polarity Location (L indicates positive terminal is located at right side.)

Fig. 1



"f" Location of opening for exhaust

Fig. 2



Metric Conversion Chart

1 inch = 25.4 millimeters
1 ounce = .03 liters
1 pound = .45 kilograms

1 millimeter = .04 inches
1 liter = 33.8 ounces
1 kilogram = 2.2 pounds

YUMICRON CX

Battery Specifications

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS - INCHES ($\pm 1/16$ 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

Battery Specifications

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS - INCHES ($\pm 1/16$ 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 D¹	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**.

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

D¹ Discontinued, use YB12AL-A2

* Includes **terminal adaptor** for converting to top mount.

YUMICRON Battery Specifications

12 VOLT (CONTINUED)

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS - INCHES ($\pm 1/16$ 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 ✓ D ³	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 ✓ D ⁴	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 D ²	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.

* @ 20 hr. rate

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

D Discontinued, use YB16L-B.

D² Discontinued, use 53030

D³ Discontinued, use YB14L-B2.

CONVENTIONAL Battery Specifications

12 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS - INCHES ($\pm 1/16$ 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 ^{D3}	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	10	5 5/16	3 9/16	5 3/4	135	90	145		6.4	6	27.0	1.0
12N10-3A-1	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	28	8 1/8	5 1/4	6 1/2	206	133	165		13.3	9	74.4	2.8

^{D3} Discontinued, use YB9L-A2

CONVENTIONAL Battery Specifications

6 VOLT

BATTERY TYPE	CAPACITY AH (10H-R)	DIMENSIONS - INCHES ($\pm 1/16$ 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 D ¹	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 D ¹	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-2C	12	6 1/8	2 1/4	4 9/16	156	57	116		3.8	6	15.2	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.

D¹ Discontinued

TOP 25 BATTERIES

(Based on 2007 Yuasa Sales)

Top 25 Batteries		High Performance Batteries (Upgrade)	Primary Application
YTX14-BS	→→→	YTX14H-BS	ATV/Motorcycle
YTX20L-BS	→→→	YTX20HL-BS	Motorcycle/Watercraft
YTX9-BS			Motorcycle/ATV
YB16CL-B	→→→	YTX20HL-BS-PW	Personal Watercraft
YTX12-BS			ATV/Motorcycle
YTX5L-BS			Scooter/Small ATV
YB14A-A2	→→→	YTX14AH-BS	ATV
YTX20HL-BS			Motorcycle/Watercraft
YTZ10S			Motorcycle
YTX14AH-BS			ATV
YB14L-A2	→→→	YTX14AHL-BS	Motorcycle
YTX20CH-BS			Motorcycle/ATV
YTX4L-BS			Scooter
YT12A-BS			Motorcycle
YB12C-A			ATV
YTX14AHL-BS			Motorcycle
YT7B-BS			ATV/Motorcycle
HYB16A-AB			Motorcycle
YT12B-BS			Motorcycle
YTZ7S			Scooter/ATV
YTX7L-BS			Motorcycle
Y50-N18L-A	→→→	YTX24HL-BS	Motorcycle/Snowmobile
YB30L-B	→→→	YIX30L	Motorcycle/ATV
YB30CL-B			Personal Watercraft
YIX30L			Motorcycle/ATV

BATTERY SUPPLIER CROSS REFERENCE

Yuasa	GNB	Deka	Delco	Interstate	GS-Ztong 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	CYT4L-BS	GT4L-BS	-	M62X4B	740-1865	44015	ES4LBS	CT4L-BS
YTX5L-BS	5L-BS	-	GTX5L-BS	CYT5L-BS	GTX5L-BS	-	M32X5B	-	44022	-	-
YTX7A-BS	7A-BS	-	-	CYT7A-BS	GTX-7A-BS	-	M32X7A	-	44023	-	CTX7A-BS
YT7B-BS	-	-	-	CYT7B-BS	GT7B-4	-	M62T7B	-	-	-	-
YTX7L-BS	7L-BS	-	-	CYT7L-BS	-	GTX7L-BS	M327BS	-	44024	-	CTX7L-BS
YTZ7S	-	-	-	FAYTZ7S	GT6B-3	-	M727ZS	-	-	-	-
YTX9-BS	9-BS	ETX9	GTX9-BS	CYT9X-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	CYT12-BS	GTX12-BS	-	M3RH2S	740-1866	44016	ES12BS	CTX12-BS

SCOOTER							Recommend High Performance Batteries for			• More Power • Less Maintenance • Longer Life			
cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
HONDA (continued)							KASEA						
250	PS250 Big Ruckus	'05-'06	YTZ12S	-	-	-	50	Sense, Prima	All Years	-	YTX5L-BS	-	-
150	CH150 Elite	'87	-	YTX9-BS	-	-	650	AN650 Burgman	'03-'08	-	YTX14-BS	-	-
	CH150 Elite Deluxe	'85-'86	-	-	YB9-B	-	400	AN400 Burgman	'03-'08	YT12A-BS	YTX9-BS	-	-
	FES150	-	-	YTR9-BS	-	-	50	F50, F50R	'71	-	-	-	6N4-2A
125	CH125 Elite	'84	-	-	YB9-B	-		FA50 Shuttle	'80-'91	-	-	-	6N2-2A-4
	FES125	-	-	YTR9-BS	-	-		FS50, FZ50	'79-'83	-	-	-	6N4-2A
	NH125 Aero	'84	-	-	YB5L-B	-							
	Pantheon 125	-	-	YTR9-BS	-	-							
80	CH80 Elite	'93-'07	-	YTX5L-BS	-	-							
	NH80 Aero	'85	-	YTX5L-BS	-	-							
	NH80MD Aero	'83-'84	-	-	YB5L-B	-							
50	CHF50 Metropolitan, II, SP	'02-'07	YTZ7S	-	-	-							
	NB50 Aero	'85-'87	-	YTX4L-BS	-	-							
	NB50M Aero	'83-'84	-	-	YB4L-B	-							
	NN50MD Gyro	'84	-	-	YB4L-B	-							
	NP50, S Ruckus	'03-'07	YTZ7S	-	-	-							
	NO50 Spree, 50D SS	'86-'87	-	YTX4L-BS	-	-							
	NQ50 Spree	'84-'85	-	-	YB4L-B	-							
	P50 Little Honda	'67-'68	-	-	-	6N4-2A-4							
	PA50I Moped, PA50II	'78-'83	-	-	-	6N4B-2A-5							
	SA50 Elite LX, S, SR	'88-'91	-	YTX4L-BS	-	-							
	SB50 (All)	'88-'90	-	YTX4L-BS	-	-							
	SE50 Elite (All)	'87	-	YTX4L-BS	-	-							
	TG50 Gyro S (All)	'85-'86	-	YTX4L-BS	-	-							
HYOSUNG MOTORS							YAMAHA						
100	EZ100	All Years	-	YTX5L-BS	-	-	400	YP400 Majesty	'04-'07	YTZ10S	YTX9-BS	-	-
50	SB50 Super Cab, SD50 Sense, SF50 Prima	All Years	-	YTX4L-BS	-	-	250	Morphous	'06-'07	-	-	-	-

UTILITY VEHICLE							POLARIS			SUZUKI			YAMAHA		
cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional		
ARCTIC CAT							POLARIS								
650	Prowler 650	'06-'08	YTX24HL-BS	-	Y50N18L-A-CX	-	800	RZR	'08	YTX20HL-BS	-	-	-		
KAWASAKI							700	Ranger 6x6	'06-'08	-	YIX30L	-	-		
950	KAF950, Mule 2510, 3010 Diesel	'08	Not available	-	-	-	500	Ranger 6x6, 4x4	'98-'08	-	YIX30L	YB30L-B	-		
750	Teryx	'08	Not available	-	-	-	425	Ranger 2x4	'02-'03	-	YIX30L	YB30L-B	-		
620	KAF620, Mule 3010 4x4 Advantage Classic	'03-'07	YTX20HL-BS	YTX20L-BS	-										
	KAF620, Mule 3000, 3010, 3020		YTX20HL-BS	YTX20L-BS	-										
	KAF620, Mule 2500, 2510, 2520		YTX20HL-BS-PW *	-	YB16CL-B	-									
540	KAF540, Mule 2010, 2020, 2030		YTX20HL-BS-PW *	-	YB16CL-B	-									
450	KAF450, Mule 1000		YTX20HL-BS-PW *	-	YB16CL-B	-									
400	KAF400, Mule 600, 610	'05-'07	YTX14AH-BS *	-	YB14A-A2	-									
300	KAF300, Mule 500, 520, 550		YTX14AH-BS *	-	YB14A-A2	-									
AEON (BENZAI)							POLARIS								
ARCTIC CAT							SUZUKI								
620	QUV620F	'05	YTX20HL-BS	YTX20L-BS	-	-	YAMAHA								
	Rhino	All Years	Not available	-	-	-									

ATV							ARCTIC CAT						
cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
AEON (BENZAI)							ARCTIC CAT						
100	Cobra/CX-Sport 100	All Years	-	YTX4L-BS	-	-	650	650 4x4 Automatic	'04-'06	YTX14AH-BS	-	YB14-A2	-
90	Cobra/CX-Sport 90	All Years	-	YTX4L-BS	-	-	500	All Models	All Years	YTX14AH-BS	-	YB14-A2	-
50	Cobra/CX-Sport 50	All Years	-	YTX4L-BS	-	-	400	DVX400	All Years	-	YTX9-BS	-	-

* See Battery Cross Reference Chart on page 8.



SNOWMOBILE

Recommend High Performance Batteries

for

- More Power
- Less Maintenance
- Longer Life

cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional	cc	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
BRP – SKI-DOO							YAMAHA (continued)						
All Models	Thru '98	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		700	VX700DX Vmax 700 Deluxe	'99-'00	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A
All 4-stroke	'03	YTX24HL-BS	-	-	-		600	VT600 Venture 600	'97-'98	-	-	YB16AL-A2	-
CK3 Types	'99-'03	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		VT600 Venture 600	'99-'06	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A	
ZX Types	'99-'01	-	YTX15L-BS	-	-		VX600E/DX Vmax 600 LE/DX	'94-'96	-	-	YB16AL-A2	-	
ZX Types	'02-'03	YTX20HL-BS	YTX20L-BS	-	-		VX600ER Vmax 600 ER	'02-'03	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A	
Elite	'04-'06	-	YIX30L	-	-		VX600XTC Vmax 600 XTC	'97-'98	-	-	YB16AL-A2	-	
KAWASAKI							VX600DX Vmax 600 Deluxe	'99-'01	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A	
All Models	All Years	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		570	EX570E Exciter	'88-'90	-	-	YB16AL-A2	-
POLARIS							EX570E Exciter II LE	'91-'93	-	-	YB16AL-A2	-	
Indy, Indy Trail	'84-'91	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		540	EC540 Excel	'79-'80	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A
All EFI (RXL, 500 EFI)	'93-'97	-	-	YB9A-A	-		VK540F, II, III	'89-'03	-	-	YB16AL-A2	-	
Sprint (Electric Start)	'86-'90	-	-	Y60-N24-A	-		XL540 XLV	'85-'90	-	-	YB16AL-A2	-	
Wide Track	'89-'05	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		500	PZ500DX Phazer 500 Deluxe	'01	-	-	YB16AL-A2	-
FS/FST	'06	YTX20HL-BS	YTX20L-BS	-	-		VT500 Venture 500	'97-'01	-	-	YB16AL-A2	-	
All Other Models	'92-'05	YTX14AH-BS *	-	YB14A-A2	-		VT500 Venture 500 XL	'99-'00	-	-	YB16AL-A2	-	
All Electric Start Kits	'85-'93	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		VX500E Vmax	'94-'01	-	-	YB16AL-A2	-	
All Electric Start Kits	'94-'05	YTX14AH-BS *	-	YB14A-A2	-		480	PZ480E Phazer Deluxe	'84-'89	YTX14AHL-BS	-	YB14L-A2	12N14-3A
YAMAHA							PZ480E Phazer II LE, SS	'90-'98	YTX14AHL-BS	-	YB14L-A2	12N14-3A	
1000 Apex	'06-'08	-	YTX14-BS	-	-		VT480 Venture GT	'92-'93	YTX14AHL-BS	-	YB14L-A2	12N14-3A	
RX1000R RX (All Models)	'03-'05	YTX20HL-BS	YTX20L-BS	-	-		VT480 Venture XL	'91-'97	YTX14AHL-BS	-	YB14L-A2	12N14-3A	
700 SXV700ER SXViper ER	'02-'05	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		VT480TR Venture TR Electric	'98	YTX14AHL-BS	-	YB14L-A2	12N14-3A	
VT700 Venture 700	'98-'04	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A		340	CS340 Ovation Deluxe/LE	'89-'98	YTX14AHL-BS	-	YB14L-A2	12N14-3A
VX700XTCD Vmax 700 XTC Deluxe '98	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A			EC340 Excel III	'81-'88	YTX14AHL-BS	-	YB14L-A2	12N14-3A	
							ET340E Enticer	'79	YTX24HL-BS *	-	Y50-N18L-A-CX	Y50-N18L-A	
							ET340E Enticer	'80	YTX14AHL-BS	-	YB14L-A2	12N14-3A	
							300 CF300 Inviter	'86-'90	-	-	YB16AL-A2	-	
							125 SV125E Sno-Sport	'90-'91	YTX14AHL-BS	-	YB14L-A2	12N14-3A	
							80 SV80E Sno-Scoot	'88-'90	-	-	YB7L-B	12N7-3B	



EUROPEAN & OTHER MOTORCYCLE

cc	Model	Year	Battery Type	cc	Model	Year	Battery Type	cc	Model	Year	Battery Type
APRILIA				APRILIA (continued)				BENELLI (continued)			
1000	ETV Caponord	'02-'03	YTX14-BS	50	SR50	'00-'01	YB4L-B	125	125 Cross		6N11A-1B
	RST Futura	'01-'04	YTX12-BS		SR50 Ditech	'01-'05	YTX5L-BS		125 Custom Guzzi		12N5.5-4A
	RSV 1000 Mille SP	'99	YTX12-BS		Scarabeo 50	'00-'03	YB4L-B		125 Guzzi		12N5.5-4A
	RSV 1000 Factory	'04-'05	YTX12-BS		Mojito	'04-'05	YB4L-B		125 Jarro (c'avv.)		YB9-B *
	RSV 1000 Mille R	'01-'05	YTX12-BS		Rally	'04-'05	YB4L-B		125 Scooter Benelli		YB9L-B *
	RSV 1000 Mille	'01-'03	YTX12-BS	ATK					125-2 CSE		6N11A-1B
	Tuono	'03-'05	YTX12-BS		All Electric Start Models				125CS		YB9-B *
	SL Falco	'01-'03	YTX14-BS		All Electric Start Models				125T Sport		6N11A-1B
650	Pegaso	'00	YB12AL-A		'91-'95				Devil 50 (c'avv.)		YB4L-B
500	Scarabeo	'04-'05	YTX14AHL-BS *		'96-'01				KBX 50 Race		YB4L-B
	Atlantic	'03-'05	YTX14AHL-BS *		BENELLI				Scooty LX/DLX		YB4L-B
250	RS250	'00-'04	YB4L-B		900	900 (6 Cilindri)		5030			
200	Atlantic	'04-'05	YB12AL-A		650	650 Tornado U.T.		YB12A-A *			
150	Scarabeo	'00-'04	YB12AL-A		250	250 (4 Cilindri)		YB12A-A			
	Mojito	'04-'05	YTX7L-BS					6N11A-1B			
50	RS50	'00-'05	YB4L-B		250-2C						
BIMOTA											
								1100	SB6, SB7	'95-'97	YTX7L-BS (x2)
									SB6R	'97-'99	YTX12-BS
									YB8/YB10	'92-'95	YTX14AHL-BS *

* See Battery Cross Reference Chart on page 8.

EUROPEAN & OTHER MOTORCYCLE



cc	Model	Year	Battery Type	cc	Model	Year	Battery Type	cc	Model	Year	Battery Type
BIMOTA (continued)				CAGIVA (continued)				GILERA			
1000	YB11	'96-'99	YTX12-BS	350	Elefant 2 Cyl.	'86-	YTX14AHL-BS *	600	Nordwest	'93	YTX14AHL-BS *
996	SB8R, SB8RS	'98-'00	YTX12-BS	T4 E Elefant, W12	'87-	YTX14AHL-BS *	RC 600C	'93	YTX14AHL-BS *		
900	DB2	'93-'95	YB14-A2 *	T4R	'87-	YB3L-A	Top Rally, XRT		YTX14AHL-BS *		
	DB2 Final Edition	'97	YB14-A2 *	Crouser	'87-'88	YB9-B	500	Dakota Kick-Start	12N5.5-3B		
	DB3 Mantra	'97-'99	YTX7L-BS (x2)	Freccia C9, /C10R, /C12R	'87-'90	YB9-B	Dakota E-Starter		YB10L-A2		
	DB4	'98-'00	Not available	Mito	'90-'97	YB9-B	350	Dakota Kick-Start	12N5.5-3B		
	Tesi	'91-'95	YB14-A2 *	N 90	'97	YB9-B	Dakota E-Starter		YB10L-A2		
BMW				Roadster	'94-'97	YB9-B	ER Kick-Start		12N5.5-3B		
1200	R1200GS, K1200R	'05-	YTX14-BS	Supercity	'91-'97	YB9-B	ER E-Starter		YB10L-A2		
	K1200LT, GT, RS, S	'99-		City, Lucky, Explorer	'94-'97	YTX4L-BS	XRT		YTX14AHL-BS *		
	K1200RS	'97-		K3, W4	'98	YB4L-B	250	Arizona Rally	YB10L-B		
	R1200C	'98-		CCM			RV NGR Kick-Start		12N5.5-3B		
1150	R1150GS, R	'00-		600	All Electric Start Models	'96-'01	YTX9-BS	RV NGR E-Starter		YB10L-B	
1100	K1100LT/RS	'90-'95		DERBI			200	Arizona	12N5.5-3B		
	R1100GS	'94-'00		All Models		YB4L-B	Arizona		YB9-B		
	R1100R	'94-'00		DUCATI			Fast Bike		12N5.5-3B		
	R1100RS, RT	'93-		1098	1098	'07	RTX, RV, RX Kick-Start		YB9-B		
	R1100S	'99-		Various	All other models	'01-'07	RTX, RV, RX E-Starter		12N5.5-3B		
1000	All 'K' Models	'83-'93	53030	996	996, S, SPS	'99-'00	T4		YB9-B		
	R100/7	'76-'84	53030	944	Suprotouring 2 (ST2)	'97-'00	Motocarro		12N5.5-3B		
	R100GS, PD, R, RS, RT	'87-'95	53030	916	Biposto, Senna, Strada	'94-'98	Apache Kick-Start		YB9-B		
	R100CS	'76-'84	53030	I.E., SP, SP S	'94-'98	Apache E-Starter		12N5.5-3B			
900	R90/6, R90S	'69-'76	53030	ST4	'99-'00	Arizona Kick-Start		YB9-B			
850	R850R	'95-'97	51913	907	I.E. Paso	'90-'94	Arizona E-Starter		12N5.5-3B		
800	R80, R80RT	'84-'95	53030	906	Paso	'90-'92	Crona Kick-Start		YB9-B		
	R80GS, R80ST	'80-'96	51814	900	Monster	'94-'00	Crona E-Starter		12N5.5-3B		
	R80/7, R80RT	'78-'84	53030	SS Kick-Start	'81	CX Kick-Start		YB9-B			
750	K75, RT	'85-'95	53030	SS Replica	'81	CX E-Starter		12N5.5-3B			
	K75C, S	'85-'95	51814	SS Supersport, Replica	'82-	Fast Bike Kick-Start		YB9-B			
	R75/5	'70-'73	51814	SS	'89-'00	Fast Bike E-Starter		12N5.5-3B			
	R75/7	'76-'84	53030	SL	'92-'96	Freestyle Kick-Start		YB9-B			
	R75/6	'69-'76	53030	Supersport FE	'97-'98	Freestyle E-Starter		12N5.5-3B			
700	R69 - R69S	'55-'69	B38-6A	888	SP, SP II, SP IV, SP V	'90-'95	GFR Kick-Start		YB9-B		
650	F650	'93-	YB12AL-A	860	GT, GTS	53030	GFR E-Starter		12N5.5-3B		
	R65	'84-'95	53030	Kick-Start		KK, KZ Kick-Start		YB9-B			
	R65LS	'78-'84	51814	851	Superbike	'90-'91	KK, KZ E-Starter		12N5.5-3B		
600	R60, R60/2 Twin Cylinders	'55-'69	B38-6A	S Superbike	'91-'92	MX1, MXR Kick-Start		YB9-B			
	R60/5	'70-'73	51814	750	F1, Montjuich, Paso	'87-'90	MX1, MXR E-Starter		12N5.5-3B		
	R60/6, R60/7	'69-'84	53030	GT, Luguna Seca	53030	Nebraska Kick-Start		YB9-B			
500	R50/2 Twin Cylinders	'55-'69	B38-6A	Indiana		Nebraska E-Starter		12N5.5-3B			
	R50/5	'70-'73	51814	Monster	'97-'00	R1, R1S Kick-Start		YB9-B			
	R50/S Twin Cylinders	'55-'69	B38-6A	Sport	'89-'90	R1, R1S E-Starter		12N5.5-3B			
260	R26, R27 Single Cylinder	'55-'69	6N11A-1B	SS Supersport Kick-Str.		RC Rally		YB9-B			
	R 26		B39-6	SS	'90-'00	RTX, RV, RX Kick-Start		12N5.5-3B			
BSA				Strada Biposto, SP, SPS	'97-'00	RTX, RV, RX E-Starter		YB9-B			
	250, 350, 400, 441, 500 (12V)		YB7-A *	650	Alazurra, Indiana, Pantah	YTX14AHL-BS *	SPO1, SPO2 Kick-Start		12N5.5-3B		
	600, 650, 750 (12V)		YB7-A *	600	Pantah	YTX14AHL-BS *	SPO1, SPO2 E-Starter		YB9-B		
	250, 350, 650 (6V)		B39-6	TL	YTX14AHL-BS *	TOP Rally Kick-Start		12N5.5-3B			
	500 Gold Star		B38-6A	500	GTL, GTV	Y50-N18L-A *	TOP Rally E-Starter		YB9-B		
	Rocket 750, Thunderbolt		YB9L-B *	Pantah	YTX14AHL-BS *	Typhoon		12N5.5-3B			
	Spitfire HK35, Starfire B25		YB9L-B *	Sport	Y50-N18L-A *	XR1, XR2 Kick-Start		YB9-B			
CAGIVA				370	Pampera	'97	XR1, XR2 E-Starter		YB9-B		
900	Elefant E900		YB16B-A1	320	Pampera	'98-'01	Bullit, Easy Moving, Runner		YB4L-B		
750	Elefant	'94-'97	YB16B *	250	Pampera	'96-'01	Eaglet		YB4L-B		
	Elefant Bifaro	'89	YTX14AHL-BS *				GSA E-Starter		YB4L-B		
500	T4 E Elefant	'88-	YTX14AHL-BS *				Runner		YB4L-B		
GAS GAS							Sioux E-Starter		YB4L-B		
							Stalker, Storm, Top Rally		YB4L-B		
							Typhoon		YB4L-B		

* See Battery Cross Reference Chart on page 8.

H On some earlier models, hold down may need to be modified to accept battery.



EUROPEAN & OTHER MOTORCYCLE

cc	Model	Year	Battery Type	cc	Model	Year	Battery Type	cc	Model	Year	Battery Type				
HUSABERG															
All Electric Start Models	'01-'02	YTX5L-BS		500	Falcone u.t.	YB18L-A *		PIAGGIO (VESPA) (continued)							
All Electric Start Models	'97-'00	YTX9-BS		V50		53030		Vespa 50 Elestart	6N11A-1B (x 2 pcs.)						
HUSQVARNA															
580 TE610E, SM610S	'00-'01	YTX14-BS		660	Skorpion	'95-'01	YB9L-A2	Vespa 125 Sprint	B39-6						
450 TE450/TC450		YZT7S		125	All Models	All Years	YB9L-A2	Vespa 150 GL	B39-6						
400 TE410E	'00-'01	YTX14-BS		MuZ											
HYOSUNG MOTORS															
125 XRX125		All Years	YTX7A-BS	MV AGUSTA											
KASEA															
125 RX125		All Years	YTX7A-BS	NORTON											
KTM															
950 Adventure	'03-	YTZ14S		850	850 Commando, Commando (75)	YTX14AHL-BS *		500	All Kick-start Models	'95-'99	YB7-A *				
640 Adventurer, Duke,				750	750 Ranger Commando	YB9-B *		All Kick-start Models	'00-'03	YB5L-B *					
RXC LC4 Super Moto	'99-'02	YTX9-BS		350	350 Navigator	6N11A-1B		All Electric Start Models	'00-'03	YTX14AHL-BS *					
Duke II, LC4, Adventure	'03-	YTZ10S		OZBIKE				All Kick-start Models	'95-'99	YB7-A *					
625 SMC, SXC	'03-	YTZ10S		All Models	All Years	YTX5L-BS		All Kick-start Models	'00-'03	YB5L-B *					
620 Adventure, Duke, LC4	'96-'98	YTX9-BS		PANDA MOTOR SPORTS				All Electric Start Models	'00-'03	YTX14AHL-BS *					
520 E/XC, M/XC Racing 4-Stroke	'00-'02	YTX4L-BS		70	Trail Rider	'99-'02	YTX4L-BS	2300	Rocket 3	'03-'07	YTX20L-BS *				
E/XC, M/XC Racing 4-Stroke (Opt)	'00-'02	YTX5L-BS		50	Com-ute	'96-'02	6N4-2A	1200	Trophy	'00-'04	YTX14-BS *				
400 E/XC Racing 4-Stroke	'00-'02	YTX4L-BS		Cub	'96-'99	YTX4L-BS		All Other Models	'93-'99	YTX14AHL-BS *					
E/XC Racing 4-Stroke (Opt)	'00-'02	YTX5L-BS		Fun Rider	'96-'02	6N2-2A		1050	Sprint ST, Speed Triple	'05-'07	YTX12-BS				
LC4 E/XC	'96-'98	YTX9-BS		Retro	'01-'02	YB7-A		Tiger	'07	YTX12-BS					
RXC LC4	'96-'01	YTX9-BS		36	Com-ute	'98-'01	6N4-2A	1000	Daytona	'92-'93	YTX14AHL-BS *				
MOTO GUZZI				PIAGGIO (VESPA)				955	Daytona 955i, Speed Triple, Sprint ST	'99-'04	YTX14-BS				
1100 1100 California (CA only)	'03-'05	YTX15L-BS		APE CAR, MP, MPR, P602	53030			Sprint RS	'00-'04	YTX14-BS					
1100 California, Special, Jackal, Breva, Griso	'05-'06	YTX20CH-BS		Ape 50 FL	'93	YB9-B		Tiger	'02-'06	YTX14-BS					
Stone, EV	'94-'05	53030		Boxer, Bravo, Ciao	B39-6			All Other Models	'96-'97	YTX14AHL-BS *					
Quota 1100 ES	'99-'02	YTX15L-FA		Cosa 2	YB7-A			900	Scrambler, Bonneville	'06-'07	YTX12-BS				
Sport 1100i	'97-'99	YTX15L-BS		Cosa CLX 125 (c.avv.)	YB7-A			T90	6N11A-1B						
V11 Bassa	'99-'00	53030		Cosa CLX 150 (c.avv.)	YB7-A			Tiger	'99-'01	YTX14-BS					
V11 EV	'98-'99	53030		Cosa CLX 200 (c.avv.)	YB7-A			Thrushon	'03-'07	YTX12-BS					
V11 Le Mans, Sport	'99-'05	YTX15L-FA		Free	YB4L-B			Thunderbird	'02-'03	YTX14AHL-BS *					
1000 California III Convert	'89-'93	53030		Hexagon 125/150	YB9-B			All Other Models	'91-'01	YTX14AHL-BS *					
Daytona		53030		NRG 50	YB4L-B			800	Bonneville	'01-'05	YTX12-BS				
Le Mans		53030		P125ETES, P125TS	YB7-A *			Speedmaster	'03-'05	YTX12-BS					
Mille		53030		P200E (c.avv.)	YB9-B			750	Bonneville, Tiger	YB9-B *					
1000NT		53030		PK50, PK50-C.A., PK50N, PK50XL	YB7-A *			T150 Trident	YB7L-B *						
Quota		53030		PK80S-C.A.	YB7-A *			All Other Models	'93-'97	YTX14AHL-BS *					
V10 Centauro Sport, GT	'99-	YTX15L-FA		PK125FL, PK125SS, PK125XL	YB7-A *			675	Daytona 675	'06-'07	YT7B-BS				
850 Le Man T3, T4, T5		53030		PX125	YB9-B			650	T120 Bonneville	YB7L-B *					
750 Breva	'04-'05	YTX14AHL-BS *		PX125+80E	12N5.5-3B			600 (12V)	B39-6 (x 2 pcs.)						
Nevada		YB18L-A *		PX125+80E-AREC	12N5.5-3B			6T, T20B	6N11A-1B						
NTX		YB18L-A *		PX125T5	YB9-B			600	Daytona 600/650, Speed Four	'03-'05	YTX9-BS				
Strada		YB18L-A *		PX150E	YB9-B			TT600		'00-'03	YTX12-BS				
V7		53030		PX150E-ARC	YB9-B			500	500 (12V)	B39-6 (x 2 pcs.)					
V75		YB18L-A *		PX200-ARC	YB9-B			5TA, TR5A/R	6N11A-1B						
650 NTX		YB18L-A *		PX200E-ARC	12N5.5-3B			350	350 (6V)	6N11A-1B					
V65		53030		PX200GS	YB9-B			350 (12V)	B39-6 (x 2 pcs.)						
V65 Florida		YB18L-A *		Quartz, Sactto, Sfera 50, Sfera 80, Skipper 125/150				350 3TA, Twenty One	B38-6A						
500 Falcone		B38-6A			YB4L-B			250	Tigress (6V)	6N11A-1B					
								Tigress (12V)		6N11A-1B (x 2 pcs.)					
								200	Tiger	6N11A-1B					
								173	Tigress	6N11A-1B					

* See Battery Cross Reference Chart on page 8.

MV Factory upgrade, must use spacer from MV (otherwise use YT12A-BS)

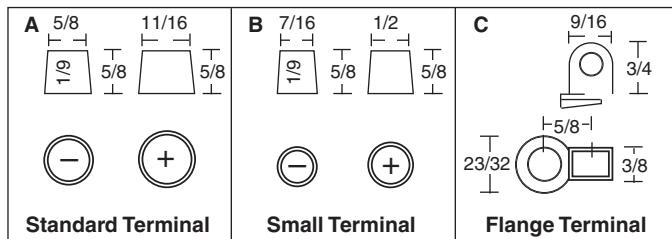
FA Must use Factory Activated battery.

12 VOLT IMPORT SPECIALTY BATTERY SPECIFICATIONS

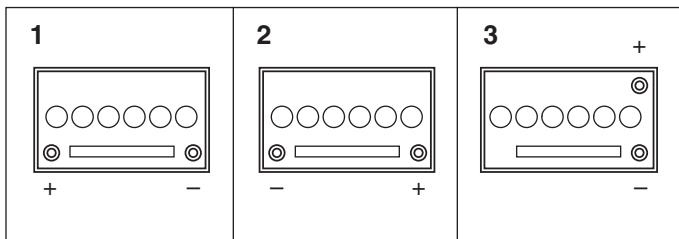
Yuasa Type	Old Reference Number (Discontinued)	Plate/Cell	Capacity AH ▲ (5 hr)	Capacity AH ▲ (20 hr)	Cranking Performance ▲ (Amps 0°F)	Reserve Capacity Minutes (80°F)	Overall Dimensions			Shipping Weight Dry (lbs.)	Volume of Acid (oz.)	Charging Current (Amp)	See Key for	
							L (inches)	W (inches)	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
32A19RT(S)	NX60-N24T(S)	11	24	30	320	42	7 3/8	5	7 3/8	12.6	64.0	3.0	A	1
32A19L	NX60-N24L	11	24	30	320	42	7 3/8	5	7 1/4	12.6	63.5	3.0	C	2
46B24R	NS60	13	36	45	330	75	9 3/8	5 1/16	8 15/16	20.1	109.3	4.5	B	1
46B24L(S)	NS60L(S)	13	36	45	330	75	9 3/8	5 1/16	8 15/16	20.1	109.3	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



JAPANESE TRACTOR



MODEL	BATTERY ■	MODEL	BATTERY ■
HONDA EB11000 (Generator) EMS4000 (Generator) EMS4500 (Generator) ES6000 (Generator) ES6500 (Generator) EU3000is (Generator) EX4000 (Generator) EX4500 (Generator) EX5000 (Generator) EX5500 (Generator) EX5500K2 (Generator) H3011 H4013, H4514H H5013, H5518 H6522 HT3810, HT3813	32A19L 32A19RT(S) 32A19RT(S) 32A19RT(S) 32A19L YTX9-BS YB18L-A* YB18L-A* 32A19RT(S) 32A19RT(S) 32A19L 32A19RT(S) 32A19RT(S) 32A19RT(S)	KUBOTA (continued) B1550, B1750 B20, B2150, B4200 B5100 B5200 B6100 B6200, B7100 B7200 F150S, F260S, F300S G1800, G1900 G3200, G4200, G5200 T1600 T1640 T1700X	55B24L(S) 55B24L(S) 40B19L(S) 55B24L(S) 46B24L(S) 55B24L(S) 46B24L(S) 46B24L(S) 55B24L(S) 40B19L(S) 40B19L(S) 55B24L(S) 40B19L(S)
ISEKI TU1400, TU1500 TU1600, TU1700 TU1900, TU2100 TX1000, TX1210 TX1300, TX1410 TX1500, TX1510	46B24R 46B24R 46B24R 46B24R 46B24R 46B24R	MITSUBISHI 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 46B24R 46B24R
KAWASAKI GD700-A52-700C GE5000-ASI 5000cc	YTX4L-BS 40B19L(S)	YANMAR Generator YM122, YM146 YM155, YM165 YM180D, YM187	32A19RT(S) 46B24R 40B19L 46B24R
KUBOTA ADT70S (Tiller)	YB14-A2*		

■ See 12 Volt Import Specialty Battery Specifications above.

* See Battery Cross Reference Chart on page 8.

YUASA® 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 setup
 - "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



YUASA® 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



Part No. YUA00ACC02



Part No. YUA00ACC04

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

**Now with NEW
Protective Rubber Boot
& Amp Hr Guide**



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

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



YUASA®

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 Certified Dealer 3' x 5' Banner or Yuasa Batteries 3' x 5' Banner



Part No. YUA-094

- 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.



Part No. YUA-001

Call for additional Merchandising Aids

Patented Sealed Post

prevents acid seepage,
reduces corrosion –
extends battery life.

Safety Valve Flame/Arrestor

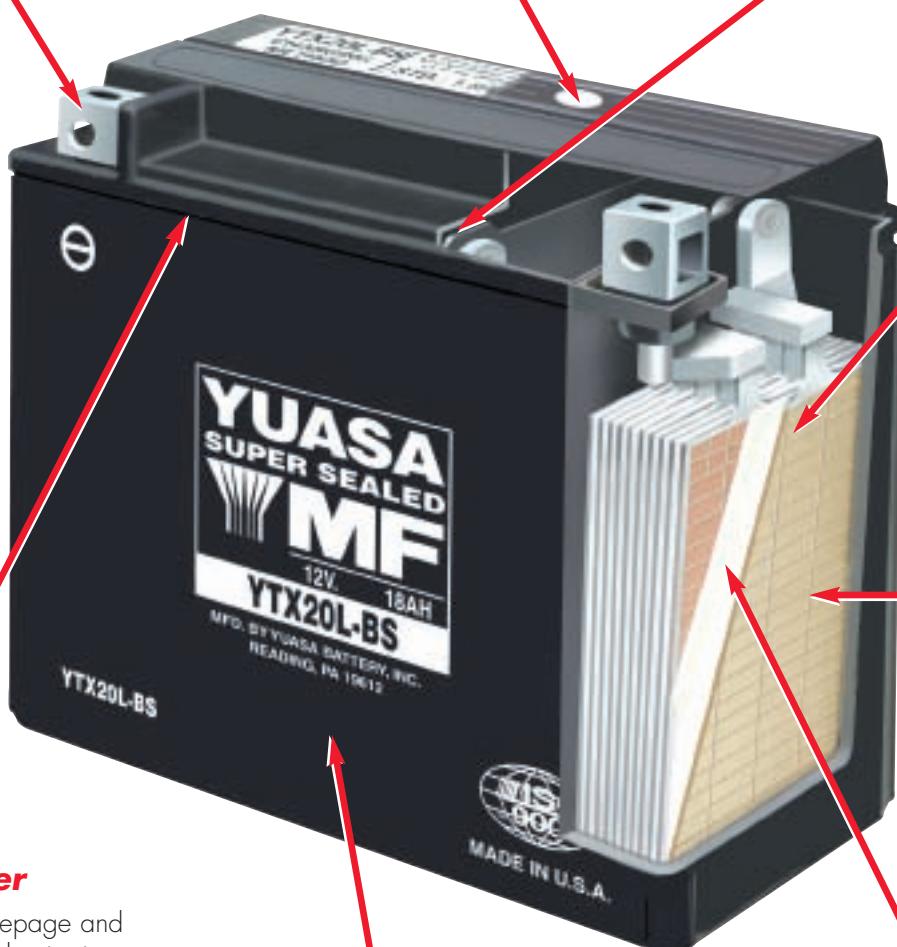
relieves excess pressure.

Thru-Partition Construction

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

Heat Sealed Case to Cover

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



Special Active Material

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

Special Grid Design

withstands severe vibration, assures maximum conductivity.

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!

Special Separator

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



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