



YUASA

Motorcycle Battery
Application and
Specification Guide
2012



YUASA - World number one for motorcycle batteries

THE RANGE



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
- **Advanced lead-calcium technology** pumps up starting power
- **Sulphation retardant** dramatically reduces battery-killing plate sulphation
- **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





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

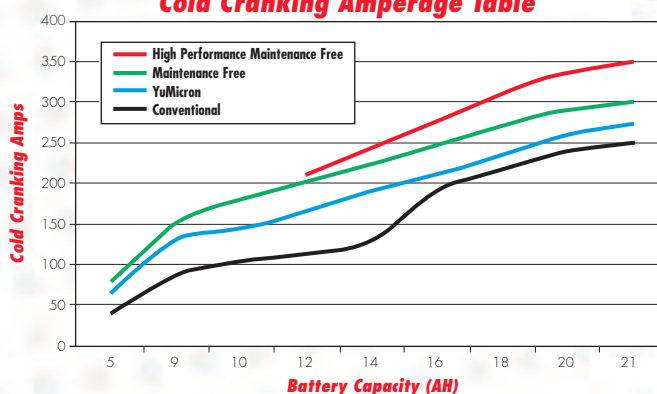
YuMicron

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** minimises internal resistance, maximises power
- **Sulphate Stop** curbs plate sulphation – and provides longer life



Cold Cranking Amperage Table



• Superior High Rate Performance

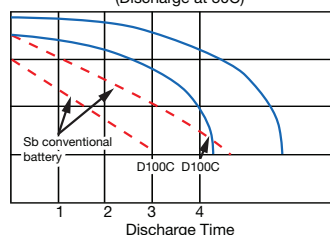
The electrically low resistant separator and heavy duty plates allow the Yuasa VRLA batteries to yield 30% more and faster starting power over conventional batteries.

• Lowest Self-Discharge

The calcium grid reduces the self-discharge rate to only 0.2% a day against 0.5-1.0% for conventional batteries.



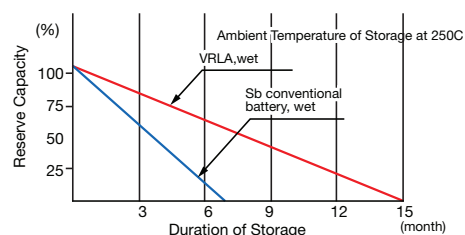
High Rate Discharge Performance
(Discharge at 50C)



• Shelf Life

The special plate material and the dry-charge construction enable the storage for nearly 2 years without noticeable loss of charge retention.

Self Discharge



• Toughness

Even if the batteries are left discharged for considerably long periods, a simple recharge will help restore full charge.

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Features & Benefits

Component	Features	Benefits
Cast Grid	Special Grid Design	Severe vibration resistance & improved conductivity
Active Material	Proprietary Formulation	Reduced shedding, maximum utilisation, & long service life
Pasted Plates	Specified Thickness & Weight	Ensures vibration resistance through precise compression & proper service life through specified active material balance
Dry-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	Sulphate Stop (Some models)	Sulphate stop added to reduce the solubility of lead into the acid, which then reduces battery sulphation 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 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

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Specifications

HIGH PERFORMANCE MAINTENANCE FREE (FA = Factory activated)

BATTERY TYPE	NOTE	CAPACITY Ah (10HR) unless stated	DIMENSIONS - MILLIMETERS (± 2mm)			WEIGHT with Acid (Kg)	ACID VOLUME (Litre)	CHARGE CURRENT (Amps)	CCA* @ -18°C	TERMINAL TYPE (refer to page 10)	ASSEMBLY FIGURE
			L	W	H						
YTX14AH-BS	(ii)	12	134	89	166	4.9	0.66	1.2	210	4	
YTX14AHL-BS		12	134	89	166	4.9	0.66	1.2	210	4	
YTX14H-BS		12	150	87	145	4.8	0.69	1.2	240	4	
YTX20CH-BS		18	150	87	161	6.1	0.82	1.8	270	4	
YTX20H-BS		18	175	87	155	6.3	0.93	1.8	310	4	
YTX20HL-BS		18	175	87	155	6.3	0.93	1.8	310	4	
YTX20HL-BS-PW	(i)	18	175	87	175	6.3	0.93	1.8	310	4	
YTX24HL-BS		21	205	87	162	7.9	0.99	2.1	350	4	
YTZ3	FA	2.5	113	70	85	1.4	N/A	0.3	-	5	
YTZ5S	FA	3.5	113	70	85	1.6	N/A	0.4	65	5	
YTZ6-V	FA	5	113	70	105	2.3	N/A	0.5	90	5	
YTZ7S	FA	6	113	70	105	2.1	N/A	0.6	130	5	
YTZ10S	FA	8.6	150	87	93	3.2	N/A	0.9	190	11	
YTZ12S	FA	11	150	87	110	3.7	N/A	1.1	210	11	
YTZ14S	FA	11.2	150	87	110	3.9	N/A	1.1	230	11	
GYZ20L	FA	20	175	87	155	6.9	N/A	2	250	4	
GYZ20H	FA	20	175	87	155	6.9	N/A	2	310	14	
GYZ20HL	FA	20	175	87	155	6.9	N/A	2	310	14	
YIX30L	FA	30	166	126	175	9.9	N/A	3	385	5	
YIX30L-BS		30	166	126	175	9.9	1.40	3	385	5	

MAINTENANCE FREE

BATTERY TYPE	NOTE	CAPACITY Ah (10HR) unless stated	DIMENSIONS - MILLIMETERS (± 2mm)			WEIGHT with Acid (Kg)	ACID VOLUME (Litre)	CHARGE CURRENT (Amps)	CCA* @ -18°C	TERMINAL TYPE (refer to page 10)	ASSEMBLY FIGURE
			L	W	H						
YTR4A-BS		2.3	114	49	86	1.1	0.14	0.3	45	12	
YT4B-BS		2.3	114	39	86.5	1.1	0.12	0.3	40	13	
YT4L-BS	NS	3	114	71	86	1.6	0.18	0.4	40	5	
YTX4L-BS		3	114	71	86	1.4	0.18	0.4	50	5	
YT5L-BS	NS	4	114	71	106	2	0.24	0.5	45	5	
YTX5L-BS		4	114	71	106	2	0.24	0.5	80	5	
YT7B-BS	(iii)	6.5	150	65	93	2.7	0.33	0.7	110	11	
YTX7A-BS		6	150	87	94	2.6	0.33	0.7	105	5	
YTX7L-BS		6	114	71	131	2.5	0.33	0.6	100	5	
YT9B-BS	(iii)	8	150	70	105	3.4	N/A	0.8	120	11	
YTX9-BS		8	150	87	105	3	0.4	0.9	135	5	
YT12A-BS		10	150	87	105	3.5	0.5	1	175	11	
YT12B-BS	(iii)	10	150	69	130	4.1	0.5	1	210	11	
YTX12-BS		10	150	87	130	4.2	0.6	1.2	180	5	
YT14B-BS	(iii)	12	150	70	145	4.6	N/A	1.2	210	11	
YTX14-BS		12	150	87	145	4.6	0.69	1.4	200	5	
YTX14L-BS		12	150	87	145	4.6	0.69	1.4	200	5	
YTX15L-BS		13	175	87	130	4.8	0.69	1.3	230	4	
YTX16-BS		14	150	87	161	5.3	0.78	1.4	230	4	
YTX16-BS-1		14	150	87	161	5.3	0.78	1.4	230	1	
YTX20A-BS		17	150	87	161	6.0	0.82	1.7	270	4	
YTX20-BS		18	175	87	155	6.7	0.93	1.8	270	4	
YTX20L-BS		18	175	87	155	6.7	0.93	1.8	270	4	

(i) Includes 20mm spacer for use in replacing YB16CL-B

(ii) Includes 10mm spacer for use in replacing YB14A-A1 and YB14A-A2.

(iii) Can be supplied either Wet Charged or Dry Charged with Acid bottle upon customers request.

NS - BATTERY IS NOT STOCKED IN UK

*CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.

Specifications

YUMICRON CX

BATTERY TYPE	NOTE	CAPACITY Ah (10HR) unless stated	DIMENSIONS - MILLIMETERS (± 2mm)			WEIGHT with Acid (Kg)	ACID VOLUME (Litre)	CHARGE CURRENT (Amps)	CCA* @ -18°C	TERMINAL TYPE (refer to page 10)	ASSEMBLY FIGURE
			L	W	H						
YB16-B-CX		19	175	100	155	6.3	1.2	1.9	255	6	
YB16HL-A-CX		19	175	100	155	6.3	1.2	1.9	255	6	
Y50-N18L-A-CX		20	205	90	162	7.4	1.4	2		7	

YUMICRON

BATTERY TYPE	NOTE	CAPACITY Ah (10HR) unless stated	DIMENSIONS - MILLIMETERS (± 2mm)			WEIGHT with Acid (Kg)	ACID VOLUME (Litre)	CHARGE CURRENT (Amps)	CCA* @ -18°C	TERMINAL TYPE (refer to page 10)	ASSEMBLY FIGURE
			L	W	H						
YB2.5L-C		2.5	80	70	105	1	0.24	0.3	19	—	
YB2.5L-C-1		2.5	80	70	105	1	0.24	0.3	19	—	
YB2.5L-C-2		2.5	81	71	106	1	0.24	0.3	19	—	
YB3L-A		3	98	56	110	1.3	0.24	0.3	32	6	
YB3L-B		3	98	56	110	1.3	0.24	0.3	32	6	
YB4L-A		4	120	70	92	1.5	0.3	0.4	56	5	
YB4L-B		4	120	70	92	1.5	0.3	0.4	56	5	
YB5L-B		5	120	60	130	2	0.36	0.5	65	6	
YB6L-B		6	138	72.5	100	2.1	0.4	0.6	80	6	
YB7-A		8	135	75	133	3	0.6	0.8	124	6	
YB7B-B		7	150	60	130	3.1	0.5	0.7	115	6	
YB7C-A		8	130	90	114	3	0.6	0.8	124	3	
YB7L-B		8	135	75	133	2.9	0.6	0.8	124	6	
YB9A-A		9	135	75	155	3.1	0.6	0.9	124	6	
YB9L-A2		9	135	75	139	3.1	0.6	0.9	124	2	
YB9-B		9	135	75	139	3.1	0.6	0.9	130	6	
YB9L-B		9	135	75	139	3.1	0.6	0.9	130	6	
YB10A-A2		11	135	90	155	4	0.8	1.1	160	8	
YB10L-A2		11	135	90	145	4.2	0.8	1.1	160	8	
YB10L-B		11	135	90	145	4	0.8	1.1	160	6	
YB10L-B2		11	135	90	145	4	0.8	1.1	160	8	
YB12A-A		12	134	80	160	4.1	0.8	1.2	165	6	
YB12A-AK	NS	10	134	80	160	3.5	0.8	1.0	165	6	
YB12AL-A		12	134	80	160	4	0.75	1.2	165	6	
YB12AL-A2	(ii)	12	134	80	160	4	0.75	1.2	165	8	
YB12A-B		12	134	80	160	4	0.75	1.2	165	6	
YB12B-B2		12	160	90	130	4	0.8	1.2	165	8	
YB12C-A		12	134	80	175	4.3	0.8	1.2	165	4	
YB14-A2		14	134	89	166	4.6	0.9	1.4	190	8	
YB14-B2		14	134	89	166	4.6	0.9	1.4	190	8	
YB14A-A1		14	134	89	176	4.5	0.9	1.4	190	6	
YB14A-A2		14	134	89	176	4.5	0.9	1.4	190	8	
YB14L-A	NS	14	134	89	166	4.6	0.9	1.4	190	1	
YB14L-A1		14	134	89	166	4.6	0.9	1.4	190	1	
YB14L-A2		14	134	89	166	4.6	0.9	1.4	190	8	
YB14L-B2		14	134	89	166	4.6	0.9	1.4	190	8	
SYB14L-A2		14	134	89	166	4.6	0.9	1.4	190	8	
YB16AL-A2		16	207	71.5	164	5.3	1.1	1.6	200	2	
HYB16A-AB		16	151	91	180	5	0.9	1.6	210	7	

(ii) INCLUDES TERMINAL ADAPTOR FOR CONVERTING TO TOP MOUNT

NS - BATTERY IS NOT STOCKED IN UK

* CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.

Specifications

YUMICRON continued

BATTERY TYPE	NOTE	CAPACITY Ah (10HR) unless stated	DIMENSIONS - MILLIMETERS (± 2mm)			WEIGHT with Acid (Kg)	ACID VOLUME (Litre)	CHARGE CURRENT (Amps)	CCA* @ -18°C	TERMINAL TYPE (refer to page 10)	ASSEMBLY FIGURE
			L	W	H						
YB16-B		19	175	100	155	6.3	1.2	1.9	240	6	
YB16L-B		19	175	100	155	6.3	1.2	1.9	240	6	
YB16B-A	(iii)	16	160	90	161	5.1	1	1.6	207	4	
YB16B-A1		16	160	90	161	5.1	1	1.6	207	7	
YB16CL-B		19	175	100	175	6.1	1.2	1.9	240	5	
YB18-A		18	180	90	162	5.8	1.2	1.8	235	7	
YB18L-A		18	180	90	162	5.8	1.2	1.8	235	7	
Y50-N18A-A		20	205	90	176	6.5	1.5	2	260	7	
Y50-N18L-A		20	205	90	162	7.4	1.4	2	260	7	
Y50-N18L-A3		20	205	90	162	7.4	1.4	2	260	4	
SY50-N18L-AT		20	205	90	162	6.5	1.4	2	260	7	
Y60-N24-A		28	184	124	175	8.6	1.7	2.8	300	3	
Y60-N24L-A		28	184	124	175	8.6	1.7	2.8	300	3	
YB30L-B		30	168	132	176	8.5	1.7	3	300	4	
YB30CL-B		30	168	132	192.2	8.8	1.7	3	300	4	
51814	**	18(20HR)	186	82	171	5.6	1	1.9	100	10	
51913	**	19(20HR)	186	82	171	5.6	1	1.9	100	10	
52515	**	25(20HR)	186	130	171	8.4	1.8	2.5	130	10	
53030	**	30(20HR)	186	130	171	9.4	1.6	3	180	10	

CONVENTIONAL 12 Volt

BATTERY TYPE	NOTE	CAPACITY Ah (10HR) unless stated	DIMENSIONS - MILLIMETERS (± 2mm)			WEIGHT with Acid (Kg)	ACID VOLUME (Litre)	CHARGE CURRENT (Amps)	CCA* @ -18°C	TERMINAL TYPE (refer to page 10)	ASSEMBLY FIGURE
			L	W	H						
12N5-3B		5	120	60	130	2	0.4	0.5	39	6	
12N5-4B		5	120	60	130	2	0.4	0.5	39	6	
12N5.5-3B		5.5	135	60	130	2.5	0.4	0.6	60	6	
12N5.5-4A		5.5	135	60	130	2.5	0.4	0.6	60	2	
12N5.5-4B		5.5	138	61	131	2.5	0.4	0.6	60	6	
12N5.5A-3B		5.5	103	90	114	2.4	0.5	0.6	58	6	
12N7-3B		7	135	75	133	3	0.5	0.7	74	6	
12N7-4A		7	135	75	133	3	0.5	0.7	74	6	
12N7-4B		7	135	75	133	3	0.5	0.7	74	6	
12N7B-3A	NS	7	151	61	131	2.9	0.5	0.7	74	6	
12N7D-3B		7	135	75	150	2.9	0.6	0.7	74	6	
12N9-3A		9	135	75	139	3.3	0.6	0.9	85	9	
12N9-3B		9	135	75	139	3.2	0.6	0.9	85	6	
12N9-4B-1		9	135	75	139	3.2	0.6	0.9	85	6	
12N10-3A	NS	10	135	90	145	3.9	0.8	1	103	6	
12N10-3A-1	NS	10	135	90	145	3.9	0.8	1	103	6	
12N10-3A-2		10	135	90	145	3.9	0.8	1	103	8	
12N10-3B	NS	10	136	91	146	3.9	0.8	1	103	6	
12N11-3A-1		11	135	90	155	3.6	0.8	1.1	128	8	
12N11-3B	NS	11	135	90	155	3.6	0.8	1.1	128	6	
12N12-3B	NS	12	202	76	134	4.4	0.8	1.2	120	6	
12N12A-4A-1		12	134	80	160	3.7	0.7	1.2	113	6	
12N14-3A		14	134	89	166	4.5	0.8	1.4	128	8	
12N24-3A		24	184	124	175	7.9	1.8	2.4	200	3	
12N24-3		24	184	124	175	7.9	1.8	2.4	200	3	
YHD-12		28	206	133	165	8.3	2.2	2.8	240	9	

(iii) INCLUDES TERMINAL ADAPTOR FOR CONVERTING TO SIDE MOUNT

NS - BATTERY IS NOT STOCKED IN UK

* CCA (Cold Cranking Amps) rating is for reference only. CCA is a theoretically calculated value. Actual performance may vary due to test conditions.

** CCA values referred here are based on DIN standard (Reference Only)

CONVENTIONAL 6 Volt

BATTERY TYPE	NOTE	CAPACITY Ah (10HR) unless stated	DIMENSIONS - MILLIMETERS (± 2mm)			WEIGHT with Acid (Kg)	ACID VOLUME (Litre)	CHARGE CURRENT (Amps)	CCA* @ -18°C	TERMINAL TYPE (refer to page 10)	ASSEMBLY FIGURE
			L	W	H						
6N2-2A	NS	2	70	47	96	0.5	0.1	0.2		—	
6N2-2D		2	70	47	103	0.6	0.1	0.2		—	
6N2-2A-1		2	70	47	96	0.5	0.1	0.2		—	
6N2-2A-3		2	70	47	96	0.5	0.1	0.2		—	
6N2-2A-4		2	70	47	96	0.5	0.1	0.2		—	
6N2-2A-8		2	70	47	96	0.5	0.1	0.2		—	
6N2A-2C		2	70	47	106	0.5	0.1	0.2		—	
6N2A-2C-3		2	70	47	106	0.5	0.1	0.2		—	
6N2A-2C-4	NS	2	70	47	106	0.5	0.1	0.2		—	
6N4-2A		4	71	71	96	0.8	0.2	0.4		—	
6N4-2A-3		4	71	71	96	0.8	0.2	0.4		—	
6N4-2A-4		4	71	71	96	0.8	0.2	0.4		—	
6N4-2A-5		4	71	71	96	0.8	0.2	0.4		—	
6N4-2A-6		4	71	71	96	0.8	0.2	0.4		—	
6N4-2A-7		4	71	71	96	0.8	0.2	0.4		—	
6N4-2A-8		4	71	71	96	0.8	0.2	0.4		—	
6N4-2A-12	NS	4	71	71	96	0.8	0.2	0.4		—	
6N4A-4D		4	61	57	131	1	0.2	0.4		—	
6N4B-2A		4	102	48	96	1	0.2	0.4		—	
6N4B-2A-3		4	102	48	96	1	0.2	0.4		—	
6N4B-2A-4		4	102	48	96	1	0.2	0.4		—	
6N4B-2A-5		4	102	48	96	1	0.2	0.4		—	
6N4C-1B		4	71	71	105	0.8	0.2	0.4		—	
6N5.5-1D		5.5	90	70	100	1.1	0.3	0.6		—	
6N5.5-1D-1	NS	5.5	90	70	100	1.1	0.3	0.6		—	
6N6-1B		6	99	57	111	1.2	0.3	0.6		—	
6N6-3B		6	99	57	111	1.3	0.3	0.6		6	
6N6-3B-1		6	99	57	111	1.3	0.3	0.6		6	
6N6-1D		6	99	57	111	1.2	0.3	0.6		—	
6N6-1D-2		6	99	57	111	1.2	0.3	0.6		—	
B39-6		7	126	48	126	1.7	0.3	0.7		6	
B49-6		8	91	83	161	2.1	0.5	0.8		6	
6N11-2D	NS	11	150	70	100	2	0.4	1.1		6	
6N11A-1B		11	122	62	131	2.1	0.4	1.1		6	
6N11A-3A		11	122	62	131	2.1	0.4	1.1		6	
6N11A-4		11	122	62	131	2.1	0.4	1.1		6	
6N12-4A		12	170	55	139	2.6	0.5	1.2		9	
B54-6		12	156	57	116	2.3	0.5	1.2		6	
6N12A-2D		12	156	57	116	2.3	0.45	1.2		6	
B38-6A		13	119	83	161	2.9	0.62	1.3		6	
6YB8L-B	NS	8	120	70	95	1.6	0.31	0.8		6	
6YB11-2D		11	150	70	100	2	0.4	1.1		6	

NS - BATTERY IS NOT STOCKED IN UK

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				YB7C-A YTX16-BS-1	YB14L-A1			
2				YB9L-A2 12N5.5-4A	YB16AL-A2			
3				YB7C-A 12N24-3	Y60-N24-A 12N24-3A	YB7L-B		
4				YB12C-A YTX14L-BS YTX16-BS YTX20H-BS	YB16B-A YTX14AH-BS YTX20A-BS YTX20HL-BS	Y50-N18L-A3 YTX14AHL-BS YTX20CH-BS YTX20HL-BS-PW	YB30L-B YTX14H-BS YTX20-BS YTX24HL-BS	YB30CL-B YTX15L-BS YTX20L-BS GYZ20L
5				YTZ3 YTX5L-BS YTX12-BS YB4L-A	YTZ5S YTX7A-BS YTX14-BS YB4L-B	YTZ6 YTX7L-BS YTX16-BS YB16C-B	YTZ7S YTX9-BS YTX20A-BS YB16CL-B	YTX4L-BS YT12A-BS YIX30L
6				YB3L-A YB7B-B YB10L-B YB16-B 12N5-4B 12N7-4A 12N12A-4A-1 6N11-2D B38-6A	YB3L-B YB7L-B YB12A-A YB16-B-CX 12N5.5-3B 12N7-4B 6N6-3B 6N12A-2D B39-6	YB5L-B YB9A-A YB12A-B YB16L-B 12N5.5A-3B 12N7D-3B 6N6-3B-1 6YB8L-B B49-6	YB6L-B YB9-B YB12AL-A YB16HL-A-CX 12N5.5-4B 12N9-3B 6N11A-1B 6YB11-2D B54-6	YB7-A YB9L-B YB14A-A1 12N5-3B 12N7-3B 12N9-4B-1 6N11A-3A
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	52515	53030	
11				YT7B-BS YTZ10S	YT9B-BS YTZ12S	YT12A-BS YTZ14S	YT12B-BS	YT14B-BS
12				YTR4A-BS				
13				YT4B-BS				
14				GYZ20H	GYZ20HL			

** Includes terminal adaptor for converting to side mount.

* Includes terminal adaptor for converting to top mount.



Battery Upgrade Cross Reference Chart

HIGH PERFORMANCE MAINTENANCE FREE	MAINTENANCE FREE VRLA*	YUMICRON CX	YUMICRON	CONVENTIONAL	ORIGINAL MODELS
-	-	-	-	6N2A-2C-1	B60-6
-	-	-	6YB11-2D	6N11-2D	-
-	YTX4L-BS	-	YB4L-A, YB4L-B	-	YT4L-BS
-	YTX5L-BS	-	-	-	YT5L-BS
-	-	-	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
-	-	-	YB10L-B	-	12N10-3B
-	-	-	YB10L-A2	12N10-3A-2	-
-	-	-	YB12A-A	12N12A-4A-1	-
-	-	-	YB12AL-A2	-	YB12AL-A
YTX14H-BS	YTX14-BS	-	-	-	-
YTX14AH-BS (ii)	-	-	YB14-A2, YB14-B2	-	-
YTX14AH-BS	-	-	YB14A-A1, YB14A-A2	-	-
YTX14AHL-BS	-	-	YB14L-A2	12N14-3A	YMF14L-2
YTX14AHL-BS	-	-	YB14L-B2	-	SYB14L-B2
YTX20CH-BS	YTX16-BS	-	-	-	-
YTX20H-BS (vii)	YTX20-BS (vii)	YB16-B-CX	YB16-B	-	-
YTX20H-BS (vii)	YTX20-BS (vii)	-	YB18-A	-	-
YTX20HL-BS-PW (i)	-	-	YB16CL-B	-	-
YTX20HL-BS (vi)	YTX20L-BS (vi)	YB16HL-A-CX	-	-	-
YTX20HL-BS (vii)	YTX20L-BS (vii)	-	YB16L-B	-	12N16-3B
-	-	-	YB16L-B	-	SYB16L-B
YTX20HL-BS (vii)	YTX20L-BS (vii)	-	YB18L-A	-	-
YTX24HL-BS (viii)	-	Y50-N18L-A-CX	Y50-N18L-A	-	-
YTX24HL-BS	-	-	Y50-N18L-A3	-	-
YTX24HL-BS (viii)	-	-	SY50-N18L-AT	-	-
YIX30L	-	-	YB30L-B	-	-
YIX30L	-	-	53030	-	Y60-N24L-B
GYZ20L	YTX20L-BS	-	-	-	-
GYZ20H	YTX20H-BS	-	-	-	-
GYZ20HL	YTX20HL-BS	-	-	-	-

* Valve Regulated Lead Acid.

- (i) Includes 20mm spacer for use in replacing YB16CL-B.
- (ii) Includes 10mm spacer for use in replacing YB14A-A1 and YB14A-A2.
- (iii) Can be supplied either Wet Charged or Dry Charged with Acid bottle upon customers request.
- (vi) Requires use of Yuasa Cover/Spacer Kit (part no. 478651)

- (vii) 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.
- (viii) Top and front terminal mounts only. Eliminates need for sensor when used to replace SY50-N18L-AT (sensor needs to be disabled).

Designation of Battery Type Numbers

Examples:

6 | N | 2 | - | 2 | A | - | 8
 a | b | c | d | e | f | g

YB | 16 | A | L | - | A | 2 Y | 50 | - | N | 18 | L | - | A
 h | j | d | e | f | g h | j | b | i | e | f

YT | X | 20 | H | L | - | B | S YT | Z | 10 | S
 k | m | i | m | e | g | l k | m | i | e | g | l

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
- l - sealed, non-spillable
- m - high performance

Fig. 1 e Polarity Location (L indicates positive terminal is located at right side.)

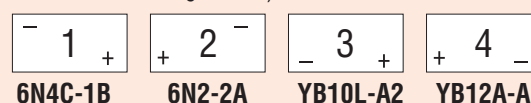
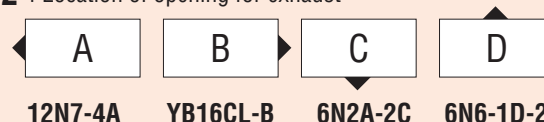


Fig. 2 f Location of opening for exhaust



YUASA - World number one for motorcycle batteries

Cross Reference

Yuasa	GS	GS-ZTONG YEE	VARTA ETN #
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Premium VRLA

YT4B-BS	GT4B-5	-	503 902 004
YTR4A-BS	GTR4A-5	-	503 903 004
YTX4L-BS	GTX4L-BS	GT4L-BS	503 014 003
YTX5L-BS	GTX5L-BS	GTX5L-BS	504 012 003
YTZ6	-	-	505 901 009
YTZ7S	-	-	507 902 011
YTX7A-BS	GTX7A-BS	GTX-7A-BS	506 015 005
YTX7L-BS	GTX7L-BS	-	506 014 005
YT7B-BS	GT7B-4	-	507 901 012
YTX9-BS	GTX9-BS	GTX9-BS	508 012 008
YTR9-BS	-	-	510 901 012
YT9B-BS	GT9B-4	-	509 902 008
YTZ10S	-	-	508 901 015
YTZ12S	-	-	509 901 020
YTX12-BS	GTX12-BS	GTX12-BS	510 012 009
YT12A-BS	-	-	511 901 014
YT12B-BS	GT12B-4	-	512 901 019
YTZ14S	-	-	511 902 023
YTX14-BS	-	GTX14-BS	512 014 010
YTX14L-BS	-	-	-
YT14B-BS	GT14B-4	-	512 903 013
YTX14AH-BS	-	-	-
YTX14AHL-BS	-	-	-
YTX15L-BS	-	-	-
YTX16-BS	-	-	514 902 022
YTX16-BS-1	-	-	514 901 022
YTX20-BS	-	-	518 902 026
YTX20L-BS	-	-	518 901 026
YTX20L-BS	-	-	518 901 026
YTX24HL-BS	-	-	-
YIX30L	-	-	-

Premium

YB2.5L-C	-	CB2.5L-C	-
YB2.5L-C-1	-	CB2.5L-C-1	-
YB2.5L-C-2	GM2.5A-3C-2	-	503 011 001
YB3L-A	GM3-3A	CB3L-A	503 012 001
YB3L-B	GM3-3B	CB3L-B	503 013 001
YB4L-A	-	CB4L-A	-
YB4L-B	GM4-3B	CB4L-B	504 011 002
YB5L-B	GM5Z-3B	CB5L-B	505 012 003
YB7-A	GM7Z-4A	CB7-A	508 013 008
YB7C-A	GM7CZ-3D	-	507 101 008

Yuasa	GS	GS-ZTONG YEE	VARTA ETN #
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Premium (continued)

YB7L-B	GM7-3B-1	CB7L-B	507 012 004
YB9A-A	-	CB9A-A	-
YB9L-A2	GM9Z-3A-1	CB9L-A2	509 016 008
YB9-B	GM9Z-4B	CB9-B	509 014 008
YB9L-B	GM9Z-3B	CB9L-B	509 015 008
YB10A-A2	-	CB10A-A	-
YB10L-A2	GM10Z-3A	CB10L-A2	511 012 009
YB10L-B	GM10Z-3B	CB10L-B	511 013 009
YB10L-B2	GM10Z-3B-2	CB10L-B2	511 013 009
YB12A-A	GM12AZ-4A-1	CB12A-A	512 011 012
YB12AL-A2	-	CB12AL-A	512 013 012
YB12A-B	-	-	512 015 012
YB12B-B2	GM12B-4B	CB12B-B2	512 012 012
YB12C-A	GM12CZ-4A-2	-	-
YB14-A2	GM14Z-4A	CB14-A2	514 012 014
YB14A-A1	-	CB14A-A	-
YB14A-A2	GM14AZ-4A-1	CB14A-A2	-
YB14L-A1	-	CB14L-A1	514 400 019
YB14L-A2	GM14Z-3A	CB14L-A2	514 011 014
YB14L-B2	GM14Z-3B	CB14L-B2	514 013 014
YB14-B2	GM14Z-4B	CB14-B2	514 014 014
SYB14L-A2	GM14Z-3A	SCB14-LA2	-
YB16AL-A2	GM16A-3A	CB16AL-A2	516 016 012
HYB16A-AB	-	HCB16A-A	-
YB16-B	GM16Z-4B	CB16-B	519 012 019
YB16L-B	GM16Z-3B	CB16L-B	519 011 019
YB16-B-CX	-	GT16-BS	-
YB16HL-A-CX	-	GT16L-BS	-
YB16B-A	GM16B-4A	-	516 015 016
YB16B-A1	-	-	516 015 016
YB16C-B	-	-	-
YB16CL-B	GB16CL-B	CB16CL-B	519 014 018
YB18-A	-	CB18-A	-
YB18L-A	GM18A-3A	CB18L-A	518 015 018
51814	-	-	518 014 015
51913	-	-	519 013 017
SY50-N18L-AT	-	-	520 016 020
Y50-N18A-A	-	-	-
Y50-N18L-A	GM18Z-3A	C50-N18L-A3	520 012 020
Y50-N18L-A3	-	C50-N18L-A3	520 401 026
Y60-N24L-A	-	C60-N24L-A	525 015 022
Y60-N24-A	-	-	-
53030	-	-	530 030 030



Cross Reference

Yuasa	GS	GS-ZTONG YEE	VARTA ETN #
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Conventional 12 Volt

12N5-3B	-	12N5-3B	505 012 003
12N5.5-3B	12N5.5-3B	12N5.5-3B	506 011 004
12N5.5-4A	-	12N5.5-4A	-
12N5.5-4B	-	12N5.5-4B	-
12N5.5A-3B	-	12N5.5A-3B	506 012 004
12N7-3B	-	12N7-3B	507 012 004
12N7-4A	-	12N7-4A	507 013 004
12N7-4B	-	12N7-4B	-
12N7D-3B	12N7D-3B	12N7D-3B	-
12N9-3A	-	12N9-3A	-
12N9-3B	-	12N9-3B	509 015 008
12N9-4B-1	-	12N9-4B-1	509 014 008
12N10-3A-2	-	12N10-3A-2	511 012 009
12N10-3B	-	12N10-3B	511 013 009
12N11-3A-1	-	12N11-3A-1	-
12N12A-4A-1	-	12N12A-4A-1	512 011 012
12N14-3A	-	12N14-3A	514 011 014
12N24-3A	-	12N24-3A	-
12N24-3	-	12N24-3	-
YHD-12H	-	CHD4-12	-

Yuasa	GS	GS-ZTONG YEE	VARTA ETN #
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Conventional 6 Volt

6N2-2A	6N2-2A	6N2-2A	-
6N2-2A-3	-	6N2-2A-3	-
6N2-2A-4	6N2-2A-4	6N2-2A-4	-
6N2-2A-8	6N2-2A-8	6N2-2A-8	-
6N2A-2C	6N2A-2C	6N2A-2C	-
6N2A-2C-3	-	6N2A-2C-3	002 014 001
6N4-2A	6N4-2A	6N4-2A	-
6N4-2A-3	-	6N4-2A-3	-
6N4-2A-4	-	6N4-2A-4	004 014 001
6N4-2A-5	-	6N4-2A-5	-
6N4-2A-7	6N4-2A-7	-	004 014 001
6N4-2A-8	-	-	-
6N4A-4D	-	6N4A-4D	004 013 001
6N4B-2A	6N4B-2A	6N4B-2A	004 012 001
6N4B-2A-3	6N4B-2A-3	6N4B-2A-3	004 012 001
6N4B-2A-5	-	6N4B-2A-5	-
6N4C-1B	-	6N4C-1B	004 015 001
6N5.5-1D	-	6N5.5-1D	-
6N6-1B	-	6N6-1B	-
6N6-3B	-	6N6-3B	006 011 003
6N6-3B-1	6N6-3B-1	6N6-3B-1	006 012 003
6N6-1D	-	6N6-1D	-
6N6-1D-2	-	6N6-1D-2	006 013 003
B39-6	-	-	007 014 003
6N11-2D	-	6N11-2D	-
6N11A-1B	-	6N11A-1B	-
6N11A-3A	-	-	012 014 008
B54-6	-	-	-
6N12A-2D	-	6N12A-2D	012 025 008
B38-6	-	-	-
6YB8L-B	6GM8-3B	-	-
6YB11-2D	-	-	-
B49-6	-	-	088 011 004

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
AERMACCHI							
125	SX		-	-	-	-	12N7-3B
175	SX		-	-	-	-	12N7-3B
250	Ala Azzurra/Bianca		-	-	-	-	6N11A-1B
250	Ala Oro/Rossa/Verde		-	-	-	-	6N11A-1B
250	Chimera		-	-	-	-	B39-6
250	SX		-	-	-	-	12N7-3B
350	Ala Azzurra/Bianca		-	-	-	-	6N11A-1B
350	Ala Oro/Rossa/Verde		-	-	-	-	6N11A-1B
APRILIA							
50	AF-1 Futura/Europa		87-94	-	-	YB4L-B	-
50	Amico GL/LK/LX/Sport		92-97	-	-	YB4L-B	-
50	AREA51		00	-	-	YB4L-B	-
50	Classic50		-97	-	-	YB4L-B	-
50	ET		-	-	-	YB4L-B	-
50	Gulliver AC/LC		-97	-	-	YB4L-B	-
50	H2O		00-	-	-	YB4L-B	-
50	Habana, Custom		99	-	-	YB4L-B	-
50	LC		-	-	-	YB4L-B	-
50	Mc Gulliver		00	-	-	YB4L-B	-
50	Mojito		-	-	-	YB4L-B	-
50	Mojito 25 KM/H FL		-	-	-	YB4L-B	-
50	Mojito FL		-	-	-	YB4L-B	-
50	MX50		-	-	-	YB4L-B	-
50	Pegaso		00-	-	-	YB4L-B	-
50	Rally		04-05	-	-	YB4L-B	-
50	Rally AC/LC		-97	-	-	YB4L-B	-
50	Red Rose/Classic		-97	-	-	YB4L-B	-
50	Replica		00-	-	-	YB4L-B	-
50	RS50		00-05	-	-	YB4L-B	-
50	RS50/Extrema		-97	-	-	YB4L-B	-
50	RX-50		-93	-	-	YB4L-B	-
50	Scarabeo 2T		97-	-	-	YB4L-B	-
50	Scarabeo 4T		03-	-	-	YB9-B	-
50	Scarabeo 50		00-03	-	-	YB4L-B	-
50	Scarabeo eu		-	-	-	YB9-B	-
50	Scarabeo Diech		02-	-	YTX5L-BS	-	-
50	Sonic		00-	-	-	YB4L-B	-
50	Sonic, GP		99	-	-	YB4L-B	-
50	Sonic Acqua		-	-	-	YB4L-B	-
50	SR CARB		08	-	-	YB9-B	-
50	SR Ditech		01-	-	YTX5L-BS	-	-
50	SR IE		08	-	-	YB9-B	-
50	SR IE 25 KM/H		-	-	-	YB9-B	-
50	SR IE CND		-	-	-	YB9-B	-
50	SR IE USA		-	-	-	YB9-B	-
50	SR LC/Netscaper		-97	-	-	YB4L-B	-
50	SR Netscaper		00-	-	-	YB4L-B	-
50	SR Replica/Racing		-97	-	-	YB4L-B	-
50	SR Stealth/WWW		-97	-	-	YB4L-B	-
50	SR Urban/Viper		-	-	-	YB4L-B	-

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
APRILIA continued							
50	SR50		00-01	-	-	YB4L-B	-
50	SR 50 de		-	-	-	YB4L-B	-
50	SR50 Ditech		01-05	-	YTX5L-BS	-	-
50	Tuareg Rally/Wind		-97	-	-	YB4L-B	-
100	Scarabeo 2T		00	-	YTX5L-BS	-	-
100	Scarabeo 4T		00-	-	-	YB9-B	-
100	Scarabeo 4T USA		-	-	-	YB9-B	-
125	AF-1 Futura/Europa		-94	-	-	YB9-B	-
125	AF-1 Project108/Replica		-94	-	-	YB9-B	-
125	AF-1 Sintesi/Sport Pro		-94	-	-	YB9-B	-
125	AS R		-	-	-	-	12N.5-3B
125	Atlantic		-	-	-	YB12AL-A	-
125	Classic		-	-	-	YB9-B	-
125	ETX (Electric-Starter)		-	-	-	YB9-B	-
125	ETX (Kick Starter)		-	-	-	-	12N5.5-3B
125	Habana, Custome		-	-	YTX9-BS	-	-
125	Leonardo		96-01	-	-	YB12AL-A	-
125	Mojito		-	-	YTX7L-BS	-	-
125	Mojito FL		-	-	YTX7L-BS	-	-
125	MX125		-	-	-	YB4L-B	-
125	Pegaso		-95	-	-	YB9-B	-
125	Rambla		08	-	YTX12-BS	-	-
125	Red Rose/Classic		-97	-	-	YB9-B	-
125	RS Extrema, RX		-97	-	-	YB9-B	-
125	RS Replica		-93	-	-	YB9-B	-
125	RS125		95-	-	-	YB9-B	-
125	RS 125 11 KW		-	-	-	YB9-B	-
125	RS 125 F.P.		-	-	-	YB9-B	-
125	RS 125 F.P. USA		-	-	-	YB9-B	-
125	RX 125 11 KW		-	-	-	YB4L-B	-
125	RX 125 F.P.		-	-	-	YB4L-B	-
125	Scarabeo		99-07	-	-	YB12AL-A	-
125	Scarabeo		08-	-	YTX12-BS	-	-
125	Sport city		08-	-	YTX12-BS	-	-
125	Sport city		-	-	YT12B-BS	-	-
125	Sport city rest		-	-	YTX12-BS	-	-
125	SR125		99	-	YTX7L-BS	-	-
125	ST, STX (Electric-Starter)		-	-	-	YB9-B	-
125	ST, STX (Kick Starter)		-	-	-	-	12N5.5-3B
125	ST/STX/ETX		-	-	-	-	12N5.5-3B
125	SX 11 KW		-	-	-	YB4L-B	-
125	SX F.P.		-	-	-	YB4L-B	-
125	Tuareg (Electric-Starter)		-	-	-	YB9-B	-
125	Tuareg (Kick Starter)		-	-	-	-	12N5.5-3B
125	Tuareg Rally		-86	-	-	-	6N4-2A-4
125	Tuareg Rally		87	-	-	YB2.5L-C-2	-
125	Tuareg Rally/Wind		87-94	-	-	YB9-B	-
125	Tuono		-	-	-	YB9-B	-
150	Leonardo		99-02	-	-	YB12AL-A	-
150	Mojito		-	-	YTX7L-BS	-	-
150	Scarabeo		99-	-	-	YB12AL-A	-
150	SR150		00	-	YTX7L-BS	-	-

YUASA - World number one for motorcycle batteries

CC	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
APRILIA continued						
200	Atlantic	-	-	-	YB12AL-A	-
200	Scarabeo	00-	-	-	YB12AL-A	-
200	Sport city	-	-	YT12B-BS	-	-
200	Sport city	09-	-	YTX12-BS	-	-
200	Sport city rest	-	-	YTX12-BS	-	-
250	Atlantic	-	-	-	YB12AL-A	-
250	ETX (Electric-Starter)	-	-	-	-	12N14-3A
250	ETX (Kick-Starter)	-	-	-	-	12N5.5-3B
250	Leonardo, ST SP	99-	-	-	YB12AL-A	-
250	Rambla	-	-	YTX12-BS	-	-
250	RS Replica	-	-	-	YB4L-B	-
250	RS250	95-04	-	-	YB4L-B	-
250	Scarabeo	-08	-	-	YB12AL-A	-
250	Scarabeo	08-	-	YTX12-BS	-	-
250	Scarabeo L	-	-	YTX12-BS	-	-
250	Sport city	-	-	YTX12-BS	-	-
250	Sport city rest	-	-	YTX12-BS	-	-
250	Sport city USA	-	-	YTX12-BS	-	-
250	Sport city USA rest	-	-	YTX12-BS	-	-
300	Leonardo	-	-	-	YB12AL-A	-
300	Sport city rest	-	-	YTX12-BS	-	-
350	ETX (Electric-Starter)	-	-	-	YB14L-A2	-
350	ETX (Kick-Starter)	-	-	-	-	12N5.5-3B
350	Tuareg Wind	87-88	-	-	YB14L-A2	-
350	Tuareg Wind	88-94	-	-	YB9-B	-
400	Atlantic	-	-	YTX12-BS	-	-
400	Scarabeo	-	-	YTX12-BS	-	-
400	Scarabeo L	-	-	YTX12-BS	-	-
450	Enduro	-	-	YTX7A-BS	-	-
450	Motard	-	-	YTX7A-BS	-	-
450	MXV	-	-	YTX7A-BS	-	-
450	RXV 450	-	-	YTX7A-BS	-	-
450	RXV 450 CND	-	-	YTX7A-BS	-	-
450	RXV 450 USA	-	-	YTX7A-BS	-	-
450	SXV 450	-	-	YTX7A-BS	-	-
450	SXV 450 CND	-	-	YTX7A-BS	-	-
450	SXV 450 US	-	YTZ10-S	-	-	-
500	Atlantic	03-05	-	-	YB14L-A2	-
500	Atlantic	06-	-	YTX12-BS	-	-
500	Scarabeo	-08	-	-	YB14L-A2	-
500	Scarabeo	08-	-	YTX12-BS	-	-
500	Scarabeo L	-	-	YTX12-BS	-	-
500	Scarabeo L USA	-	-	YTX12-BS	-	-
550	Enduro	-	-	YTX7A-BS	-	-
550	Motard	-	-	YTX7A-BS	-	-
550	RXV 550	-	-	YTX7A-BS	-	-
550	RXV 550 CND	-	-	YTX7A-BS	-	-
550	RXV 550 USA	-	-	YTX7A-BS	-	-
550	SXV 550	-	-	YTX7A-BS	-	-
550	SXV 550 CND	-	-	YTX7A-BS	-	-
550	SXV 550 USA	-	YTZ10-S	-	-	-
600	ETX (Electric-Starter)	-	-	-	YB14L-A2	-

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
APRILIA continued							
600	ETX (Kick Starter)		-	-	-	-	12N5.5-3B
600	Pegaso		88-94	-	-	YB14L-A2	-
600	Tuareg Wind		87-91	-	-	YB14L-A2	-
650	ETX (Electric-Starter)		-	-	-	YB14L-A2	-
650	ETX (Kick-Starter)		-	-	-	-	12N5.5-3B
650	Moto6.5		95-99	-	-	YB12AL-A2	-
650	Pegaso		92-03	-	-	YB12AL-A2	-
650	Pegaso Strada		05-	-	YTX12-BS	-	-
650	Pegaso/IE		97-02	-	-	YB12AL-A	-
650	Pegaso Factory		-	-	YTX12-BS	-	-
650	Pegaso Trail		-	-	YTX12-BS	-	-
650	Stark		00-	-	-	YB14L-A2	-
750	Dorsoduro		-	-	YTX14-BS	-	-
750	Dorsoduro ABS		-	-	YTX14-BS	-	-
750	Dorsoduro USA		-	-	YTX14-BS	-	-
750	SHIVER		-	-	YTX14-BS	-	-
750	SHIVER ABS		-	-	YTX14-BS	-	-
750	SHIVER CND		-	-	YTX14-BS	-	-
750	SHIVER USA		-	-	YTX14-BS	-	-
800	MANA		-	-	YTX14-BS	-	-
850	MANA		-	-	YTX14-BS	-	-
850	MANA ABS		-	-	YTX14-BS	-	-
850	MANA CND		-	-	YTX14-BS	-	-
850	MANA USA		-	-	YTX14-BS	-	-
1000	ETV Caponord		02-03	-	YTX14-BS	-	-
1000	RST Futura		01-04	-	YTX12-BS	-	-
1000	RSV 1000 Factory		04-05	-	YTX12-BS	-	-
1000	RSV 1000 4V Factory		-	YTZ10-S	-	-	-
1000	RSV 1000 Factory USA		-	-	YTX12-BS	-	-
1000	RSV 1000 Mille		00	-	YTX14-BS	-	-
1000	RSV 1000 Mille		00-03	-	YTX12-BS	-	-
1000	RSV 1000 Mille R		00-05	-	YTX12-BS	-	-
1000	RSV 1000 Mille SP		99	-	YTX12-BS	-	-
1000	RSV 1000 R		-	-	YTX12-BS	-	-
1000	RSV 1000 R USA		-	-	YTX12-BS	-	-
1000	SL Falco		00-03	-	YTX14-BS	-	-
1000	Tuono		03-05	-	YTX12-BS	-	-
1000	Tuono Fighter		03-	-	YTX12-BS	-	-
1000	Tuono Factory		-	-	YTX12-BS	-	-
1000	Tuono Factory USA		-	-	YTX12-BS	-	-
1000	Tuono R		-	-	YTX12-BS	-	-
1000	Tuono R CND		-	-	YTX12-BS	-	-
1000	Tuono R USA		-	-	YTX12-BS	-	-
ATK							
	All Electric Start Models		96-01	-	YTX7L-BS	-	-
	All Electric Start Models		91-95	-	YTX9-BS	-	-
BENELLI							
50	491GT/Sport/Racing		-97	-	-	YB4L-B	-
50	Devil 50 (c/avv.)		-	-	-	YB4L-B	-

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CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
BENELLI continued							
50	Devil (Electric-Starter)		94-95	-	-	YB4L-B	-
50	K2		97	-	-	YB4L-B	-
50	KBX 50 Race		-	-	-	YB4L-B	-
50	Pepe		00	-	-	YB4L-B	-
50	Scooty LX/DLX		-	-	-	YB4L-B	-
80	Devil		94-95	-	-	YB4L-B	-
80	KBX		94	-	-	YB4L-B	-
100	K2		00-	-	-	YB5L-B	-
125	125 Cross		-	-	-	-	6N11A-1B
125	125 Custom Guzzi		-	-	-	-	12N5.5-4A
125	125 Guzzi		-	-	-	-	12N5.5-4A
125	125 Jarno (c/avv.)		-	-	-	YB9-B	-
125	125 Scooter		-	-	-	YB9L-B	-
125	125-2 CSE		-	-	-	-	6N11A-1B
125	125CS		-	-	-	YB9-B	-
125	125T Sport		-	-	-	-	6N11A-1B
125	Adiva		00	-	YTX14-BS	-	-
125	Jarno (Electric-Starter)		00	-	-	-	12N9-4B-1
125	Velvet		00	-	YTX9-BS	-	-
150	Adiva150		00	-	YTX14-BS	-	-
150	Velvet		00	-	YTX9-BS	-	-
250	4 Zyl. (Cyld.)		-	-	-	YB12A-A	-
250	TS250		-	-	-	-	6N11A-1B
250	Velvet		00	-	YTX12-BS	-	-
254	4 Zyl. (Cyld.)		-	-	-	YB9-B	-
350	350RS		00	-	-	53030	-
354	4 Zyl. (Cyld.)		-	-	-	YB14L-A2	-
500	LS		-	-	-	YB14L-A2	-
500	Quattro		00	-	-	53030	-
500	SS		00	-	-	-	12N12A-4A-1
504	4 Zyl. (Cyld.)		-	-	-	YB14L-A2	-
650	650 Tornado U.T.		-	-	-	YB12A-A	-
750	Sei		00	-	-	YB14L-A2	-
750	SS		00	-	-	-	12N12A-4A-1
900	900 (6 Cilindri)		-	-	-	53030	-
900	Sei		-	-	-	53030	-
900	Tornado		-	-	-	-	12N12A-4A-1
BETAMOTOR							
50	Adventure		-	-	-	YB4L-B	-
50	Ark Air/Ark Lc		-97	-	-	YB4L-B	-
50	Chrono		95	-	-	YB4L-B	-
50	Eikon		00	-	-	YB4L-B	-
50	Quadra		-97	-	-	YB4L-B	-
50	Tempo		-	-	-	YB4L-B	-
125	Eikon		00-	-	YTX9-BS	-	-
150	Eikon		00-	-	YTX9-BS	-	-
600	YB9		00-	-	-	YB12AL-A2	-
750	SB3		00-	-	-	-	12N14-3A
900	HS2900		00-	-	-	YB14L-A2	-
1000	YB10 Dieci		00-	-	YTX14-BS	-	-

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
BETAMOTOR continued							
1000	YB6		-	-	-	YB14L-A2	-
BIG DOG							
All	All Models		All	YTX20HL-BS	YTX20L-BS	-	-
BIMOTA							
600	YB9		-	-	-	YB12AL-A2	-
750	SB3		-	-	-	-	12N14-3A
900	DB2		93-95	-	-	YB14-A2	-
900	DB2 Final Edition		97	-	-	YB14-A2	-
900	DB3 Mantra		97-99	-	YTX7L-BS (x2)	-	-
900	DB4		98-00	Not available	-	-	-
900	HS2900		-	-	-	YB14L-A2	-
900	Tesi		91-95	-	-	YB14-A2	-
996	SB8R, SB8RS		98-00	-	YTX12-BS	-	-
1000	Gobert		-	-	-	YB14L-A2	-
1000	Santamonica		-	-	-	YB14L-A2	-
1000	Tesi 2d		-	-	-	YB14L-A2	-
1000	YB10 DIECI		-	-	YTX14-BS	-	-
1000	YB11		96-99	-	YTX12-BS	-	-
1000	YB8/YB10		92-95	YTX14AHL-BS	-	-	-
1100	SB6, SB7		95-97	-	YTX7L-BS (x2)	-	-
1100	SB6R		97-99	-	YTX12-BS	-	-
1000	YB6		-	-	-	YB14L-A2	-
BMW							
125	C1		00-	-	-	YB14L-A2	-
150	C1		00-	-	-	YB14L-A2	-
200	C1		00-	-	-	YB14L-A2	-
250	R25/2/3		-	-	-	-	B49-6
260	R26		-	-	-	-	B39-6
260	R26, R27 Single Cylinder		55-69	-	-	-	6N11A-1B
260	R27		-	-	-	-	6N11A-1B
450	R45N		78-88	-	-	51814	-
450	G450X		09-	YTZ7S	-	-	-
500	R50/2 Twin Cylinders		55-69	-	-	-	B38-6A
500	R50/5		-	-	-	51814	-
500	R50/R 50S/R 50-2/		-	-	-	51814	-
500	R50/S Twin Cylinders		55-69	-	-	-	B38-6A
500	R51/R51-2-3		00-	-	-	-	B49-6
600	60-5		00-	-	-	51814	-
600	F650		93-01	-	-	YB12AL-A2	-
600	F650, S		93-	-	-	52515	-
600	F650CS/GS/ST		98-02	-	-	YB12AL-A2	-
600	R60, R60/2 Twin Cylinders		55-69	-	-	-	B38-6A
600	R60/5		70-73	-	-	51814	-
600	R60/6, R60/7		-84	-	-	53030	-
600	R60/6, R60/7		69-84	-	-	53030	-
600	R60LS		00-	-	-	51814	-
600	R60S		00-	-	-	-	12N14-3A
600	R65		85-	-	-	52515	-

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CC	Model	Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
BUELL						
500	Blast	00-08	-	YTX14-BS	-	-
984	XB9R Firebolt, XB9SX Lightning	02-10	-	YTX14 (FA)	-	-
1000	RR1000	87	YTX20H-BS	YTX20-BS	YB16B-CX	-
1125	1125R, 1125CR	08-10	-	YTX14L (FA)	-	-
1125	1125R	08-	-	YTX14L (FA)	-	-
1200	M2 Cyclone	97-02	YTX20HL-BS	YTX20L-BS	-	-
1200	RR1200	88-90	YTX20H-BS	YTX20-BS	YB16B-CX	-
1200	RS1200	89-93	YTX20H-BS	YTX20-BS	YB16B-CX	-
1200	RSS1200	91-93	YTX20H-BS	YTX20-BS	YB16B-CX	-
1200	S1 Lightning	96-99	YTX14H-BS*	YTX14H-BS*	-	-
1200	S1 Lightning, WL White	96-99	YTX20HL-BS	-	-	-
1200	S2, S2T Thunderbolt	94-96	YTX20H-BS	YTX20-BS	YB16B-CX	-
1200	S3, S3T Thunderbolt	97-02	YTX20HL-BS	YTX20L-BS	-	-
1200	X1 Lightning	99-02	YTX20HL-BS	YTX20L-BS	-	-
1200	XB12R Firebolt, XB12S Lightning	04-10	YTX14H (FA)	YTX14 (FA)	-	-
1200	XB12Ss, Scg, Lightning	04-10	YTX14H (FA)	YTX14 (FA)	-	-
1200	XB12X, XT Ulysses	06-10	YTX14H (FA)	YTX14 (FA)	-	-
CAGIVA						
50	City, Lucky, Explorer	94-97	-	YTX4L-BS	-	-
50	Cocis, Prima, Supercity	-	-	-	YB5L-B	-
50	Cucciolo, Mito	98	-	-	YB4L-B	-
50	K3, W4	98	-	-	YB4L-B	-
50	Prima	-	-	-	YB5L-B	-
125	Aletta Oro (Electric-Starter)	-	-	-	YB12A-A	-
125	Aletta Oro (Kick-Starter)	-	-	-	-	12N5.5-4A
125	Blues, Elefantre	-	-	-	YB12A-A	-
125	Crouser, CUCC125	87-88	-	-	YB9-B	-
125	Cuccido	-	-	-	YB9L-A2	-
125	Elefant, SST, WSXT	-	-	-	-	12N5.5-4A
125	EV	-	-	-	YB9-B	-
125	Freccia C9, /C10R, /C12R	87-90	-	-	YB9-B	-
125	K7, Passing	-	-	-	YB4L-B	-
125	Mito, -2, Replica, Ev.	90-98	-	-	YB9-B	-
125	Mitto125, R	94-97	-	-	YB9-B	-
125	N90	97	-	-	YB9-B	-
125	Planet	98	-	-	YB9-B	-
125	Roadster	94-97	-	-	-	12N5.5-4A
125	SM125	00	-	YTX5L-BS	-	-
125	SST	-	-	-	-	12N5.5-4A
125	SST Electra	-	-	-	YB12A-A	-
125	Supercity	91-97	-	-	YB9-B	-
125	SXT	-	-	-	-	12N5.5-3B
125	Tamanaco	-	-	-	YB9-B	-
125	W8	-	-	-	YB4L-B	-
125	Wre125	00	-	YTX5L-BS	-	-
125	WSXT (Aletta Rossa)	-	-	-	-	12N5.5-4A
200	Elefant	-	-	-	-	12N5.5-4A
200	Roadstar	95	-	-	YB9-B	-
250	SST, SX	-	-	-	-	12N7-3B
300	Elefant 2 Cyl.	86-	-	-	YB14L-A2	-

* Must use adaptor kit available from Buell

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
CAGIVA continued							
300	SST, SX		-	-	-	-	12N7-3B
300	T4 Ala Rossa		-	-	-	-	12N5.5-4A
300	T4 E Elefant, W12		93-97	-	-	YB14L-A2	-
300	T4 R		87-	-	-	YB3L-A	-
300	W12		-	-	-	YB14L-A2	-
350	Elefant 2 Cyl.		86-	YTX14AHL-BS	-	-	-
350	T4 E Elefant, W12		87-	YTX14AHL-BS	-	-	-
350	T4R		87-	-	-	YB3L-A	-
500	Canyon, River		98-01	-	YTX14-BS	-	-
500	T4 E Elefant		88-	YTX14AHL-BS	-	YB14L-A2	-
600	Canyon, River		95-96	-	-	YB14L-A2	-
600	Canyon, River		96-97	-	-	YB16AL-A2	-
600	W16		94-97	-	-	YB14L-A2	-
650	Elefant		86-	-	-	YB14L-A2	-
650	Raptor/V Raptor		00-02	-	YTX12-BS	-	-
650	Raptor650		03-04	-	YTX9-BS	-	-
750	Elefant		94-97	-	-	YB16-B	-
750	Elefant Bifaro		89-	YTX14AHL-BS	-	YB14L-A2	-
900	Canyon I.E.		98-00	-	-	YB16-B	-
900	E900		94-97	-	-	YB16AL-A2	-
900	Elefant E900		-	-	-	YB16B-A1	-
900	Elefant, AC		93-96	-	-	YB16-B	-
900	Gran Canyon		99	-	-	YB16-B	-
900	I.E. GT		91-93	-	-	YB16-B	-
1000	Canyon I.E.		97-	-	-	YB16-B	-
1000	Gran Canyon		-	-	YTX14-BS	-	-
1000	I.E. GT		91-93	-	-	YB16-B	-
1000	Navigator		00-02	-	-	YB16-B	-
1000	Raptor/V Raptor		00-02	-	YTX12-BS	-	-
1000	V Raptor		03-04	-	YTX9-BS	-	-
CAN-AM							
990	Spyder		08-12	YTX24HL-BS	-	-	-
CANNONDALE							
400	EX400, MX400, XC400		00-01	YTZ7S	YTX5L-BS	-	-
440	C440, E440, S440, X440, X440S		02-03	YTZ7S	-	-	-
CCM							
600	All Electric Start Models '96-01		96-01	-	YTX9-BS	-	-
CHANGZHOU GUANGYANG							
100	CK100		-	-	YTX5L-BS	-	-
110	CK110		-	-	-	YB5L-B	-
125	CK125-CH		-	-	-	YB6L-B	-
125	CK125-T		-	-	YTX7A-BS	-	-
CHANSHA GUANGNAN							
50	KN50QT		-	YTX4L-BS	YT4L-BS	-	-
100	KN100-2		-	-	YTX5L-BS	-	-
125	KN125-T		-	-	YTX7A-BS	-	-

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CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
CHONGQING LONGCIN							
90	LX90,LX90J		-	-	-	YB5L-B	-
100	LX100-6		-	-	-	YB6L-B	-
110	LX110-9 III		-	-	-	-	12N7E-B
110	LX110-13A		-	-	YTX5L-BS	-	-
110	LX110-3D II		-	-	-	YB5L-B(B)	-
125	LX125-10		-	-	-	-	12N7-3B
125	LX125-3A		-	-	-	-	12N7-4B
125	LX125-5		-	-	-	-	12N9-4B-1
125	LX125-16A		-	-	YTX7A-BS	-	-
150	LX150-16		-	-	-	-	12N7A-3A
150	LX150-2EV		-	-	-	YB7L-B	-
150	ATV150-M		-	-	-	-	12N9-4B-1
200	LX200-3		-	-	-	-	12N7A-3A
250	LX250Y-3		-	-	YTX7L-BS	-	-
90	JL90		-	-	-	YB5L-B	-
125	JL125-4		-	-	-	YB6L-B	-
125	JL125-5A		-	-	-	-	12N7-3B
150	JL150		-	-	-	-	12N7A-3A
150	JL150-3A		-	-	-	-	12N9-4B-1
150	JL150-6A		-	-	-	-	12N7-4B
200	LX200-2 II		-	-	-	-	12N7A-3A
DACHANGJIANG							
100	AX100		-	-	-	-	6N4-2A
100	HJ-110		-	-	-	YB5L-B	-
125	GZ125HS		-	-	YTX7L-BS	-	-
125	HJ125F		-	-	-	YB7-A	-
125	HJ125J-8		-	-	-	YB7-A	-
125	HJ125T-9		-	-	YTX7A-BS	-	-
DAELIM							
125	NS125		97-	-	YTX7A-BS	-	-
125	VC125		96	-	-	YB9-B	-
125	VS125		97	-	-	YB9-B	-
DERBI							
50	All 50cc Models		-	-	-	YB4L-B	-
125	Boulevard125		-	-	-	YB9L-A2	-
150	Boulevard150		-	-	-	YB9L-A2	-
DRR							
	All Models		-	-	YTX4L-BS	-	-
DUCATI							
75	Cross		-	-	-	-	B38-6A
75	Six Days		-	-	-	-	6N4-2A-4
129	Aurea		-	-	-	-	B39-6
175	Cross		-	-	-	-	B38-6A
200	Motocarro		-	-	-	-	12N24-3A
250	Cross		-	-	-	-	B38-6A

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
DUCATI continued							
350	Alazzurra		87-	-	-	YB14L-A2	-
350	Cross		-	-	-	-	B38-6A
350	F3		87-	-	-	YB14L-A2	-
350	GTL, GTV Sport		-	-	-	Y50-N18L-A	-
350	Indiana, Pantah, XL		-	-	-	YB14L-A2	-
350	Mark3, Scrambler		-	-	-	-	B38-6A
350	Sport		-	-	-	Y50-N18L-A	-
350	SS Supersport		93-	-	-	YB16AL-A2	-
350	Vento		-	-	-	YB12A-A	-
400	Alazzurra, F3		87-	-	-	YB14L-A2	-
400	Monster		-	-	YT12B-BS	-	-
400	SS Supersport		91-99	-	-	YB16AL-A2	-
400	TS		-	-	-	-	B38-6A
500	GTL, GTV		-	-	-	Y50-N18L-A	-
500	Pantah		-	YTX14AHL-BS	-	YB14L-A2	-
500	Sport		-	-	-	Y50-N18L-A	-
600	M Chromo		98	-	-	YB16AL-A2	-
600	M City/M Dark/M Dark City		98-00	-	-	YB16AL-A2	-
600	M Dark		01	-	YT12B-BS	-	-
600	Monster		01	-	YT12B-BS	-	-
600	Monster		94-00	-	-	YB16AL-A2	-
600	Pantah		-	YTX14AHL-BS	-	YB14L-A2	-
600	SS Supersport		94-98	-	-	YB16AL-A2	-
600	TL		-	YTX14AHL-BS	-	YB14L-A2	-
620	Monater/IE/S IE/Sport		02-03	-	YT12B-BS	-	-
650	Alazzurra, Indiana, Pantah		-	YTX14AHL-BS	-	YB14L-A2	-
748	Biposto		01-03	-	YT12B-BS	-	-
748	S R		01-02	-	YT12B-BS	-	-
748	Strada Biposto, SP, SPS		97-00	-	-	YB16AL-A2	-
749	Superbike 749R, S		-	-	YT12B-BS	-	-
750	F1, Montijuich, Paso		87-91	YTX14AHL-BS	-	YB14L-A2	-
750	GT, Luguna Seca		-	-	-	53030	-
750	Indiana		-	YTX14AHL-BS	-	YB14L-A2	-
750	M City/M Dark/M Dark City		99-00	-	-	YB16AL-A2	-
750	M Dark		01	-	YT12B-BS	-	-
750	M IE/M IE Dark		02	-	YT12B-BS	-	-
750	Monster		01	-	YT12B-BS	-	-
750	Monster		95-00	Not available	-	-	-
750	New Monster		-	-	YT12B-BS	-	-
750	Paso/F1		87-90	-	-	YB14L-A2	-
750	Sport		01-02	-	YT12B-BS	-	-
750	Sport		89-90	-	-	YB16AL-A2	-
750	SS		90-00	-	-	YB16AL-A2	-
750	SS IE		00	-	-	YB16AL-A2	-
750	SS IE		01-02	-	YT12B-BS	-	-
750	SS Supersport (Kick-Starter)		-	-	-	YB12A-A	-
750	SS Veloce		98	-	-	YB16AL-A2	-
800	Monster S		03-	-	YT12B-BS	-	-
800	Monster S2R		05	-	YT12B-BS	-	-
800	Supersports		-	-	YT12B-BS	-	-
850	Electric		-	-	-	Y60-N24L-A	-
851	Biposto/SP2/SPORT		89-90	-	-	YB16AL-A2	-

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CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
DUCATI continued							
851	S Superbike		91-92	-	-	YB16AL-A2	-
851	Strada		89	-	-	YB16AL-A2	-
851	Superbike		90-91	-	-	YB16AL-A2	-
851	Superbike, Strada		89-90	-	-	YB16B-A	-
860	GT, GTS		-	-	-	53030	-
860	Kick-Start		-	-	-	YB12A-A	-
888	SP, SP II, SP IV, SP V		90-95	-	-	YB16AL-A2	-
888	Strada		91-94	-	-	YB16AL-A2	-
900	M Chromo		01	-	YT12B-BS	-	-
900	M Chromo		98-00	-	-	YB16AL-A2	-
900	M City/M Dark/M Dark City		99-00	-	-	YB16AL-A2	-
900	M Dark		01	-	YT12B-BS	-	-
900	M IE2/M IE DARK2		02	-	YT12B-BS	-	-
900	M Metallic		00	-	-	YB16AL-A2	-
900	M Metallic/M S		01	-	YT12B-BS	-	-
900	M Special		98-00	-	-	YB16AL-A2	-
900	Monster		00-	-	YT12B-BS	-	-
900	Monster, Superlight		94-00	-	-	YB16AL-A2	-
900	SD Darmah		-	-	-	53030	-
900	SL		92-96	-	-	YB16AL-A2	-
900	Sport		02	-	YT12B-BS	-	-
900	SS		89-00	Not available	-	-	-
900	SS (avviamento pedale)		-	-	-	-	12N12A-4A-1
900	SS IE		00	-	-	YB16AL-A2	-
900	SS IE		01-02	-	YT12B-BS	-	-
900	SS (Kick-Starter)		-81	-	-	YB12A-A	-
900	SS Replica		-81	-	-	YB12A-A	12N12A-4A-1
900	SS Supersport, Replica		82-	YTX14AHL-BS	-	YB14L-A2	-
900	Supersport FE		97-99	-	-	YB16AL-A2	-
904	Supersport 900		99	-	-	YB16AL-A2	-
906	Paso		89-94	-	-	YB14L-A2	-
906	Paso		90-92	-	-	YB16-B	-
907	I.E. Paso		90-94	-	-	YB16-B	-
916	Biposto, Senna, Strada		94-98	-	-	YB16AL-A2	-
916	I.E., SP, SP S		94-98	-	-	YB16AL-A2	-
916	Monster S4		81-83	-	YT12B-BS	-	-
916	ST4		01-	-	YT12B-BS	-	-
916	ST4		99-00	-	-	YB16AL-A2	-
944	Sport Touring2 (ST2)		97-00	-	-	YB16AL-A2	-
944	ST2		01-03	-	YT12B-BS	-	-
992	ST3		-	-	YT12B-BS	-	-
996	996, S, SPS		99-00	-	-	YB16AL-A2	-
996	Monoposto		99-00	-	-	YB16AL-A2	-
996	Monoposto, Bistro, S		01-	-	YT12B-BS	-	-
996	Sport Touring4S		01-	-	YT12B-BS	-	-
996	SPS/SPS2		99-00	-	-	YB16AL-A2	-
996	ST4S ABS		01-	-	YT12B-BS	-	-
998	998, 999, R, S		02-03	-	YT12B-BS	-	-
998	Monoposto/S/Biposto		02-03	-	YT12B-BS	-	-
998	ST4		01-	-	YT12B-BS	-	-
1000	Desmosedici RR		-	-	YT12B-BS	-	-
1000	Monster S2R		-	-	YT12B-BS	-	-

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
DUCATI continued							
1000	Monster S4, S4RS, S4R		03	-	YT12B-BS	-	-
1000	Multistrada		03	-	YT12B-BS	-	-
1000	Supersport HF		03	-	YT12B-BS	-	-
1098	1098		07	-	YTX14-BS	-	-
1098	Hypermotard 1100S		-07	-	YT12B-BS	-	-
1098	Superbike 1098, S, Tricolore		-07	-	YT12B-BS	-	-
-	All other models		01-07	-	YT12B-BS*	-	-
E-TON							
50	Beamer 50		00-03	-	YTX5L-BS	-	-
EXCELSIOR-HENDERSON							
1386	Super X		99-00	YTX20HL-BS	YTX20L-BS	-	-
FANTIC MOTOR							
50	Grinta		95-96	YTX4L-BS	YT4L-BS	-	-
50	HP1		-	-	-	YB4L-B	-
50	Koala		93-97	-	-	YB4L-B	-
50	Leader		95	YTX4L-BS	YT4L-BS	-	-
50	Oasis		-	-	-	YB4L-B	-
50	Oasis EPV		-	-	-	-	12N5.5-3B
50	Pony, SR		95	-	-	YB4L-B	-
50	Queenie		95	YTX4L-BS	YT4L-BS	-	-
50	TX220		-	-	-	-	B39-6
80	Koala		93-96	-	-	YB4L-B	-
125	Raider LC		-	-	-	YB3L-A	-
125	Strada-Sport		85	-	-	-	6N4B-2A
250	Raider LC		-	-	-	YB3L-A	-
GARELLI							
50	Big Racing		94	-	-	YB4L-B	-
50	Big Wheel		94-95	-	-	YB4L-B	-
50	Grinta		95-96	YTX4L-BS	YT4L-BS	-	-
50	Noi		-	-	-	YB4L-B	-
50	Pony, Pony SR		94-95	-	-	YB4L-B	-
50	Queenie		95	YTX4L-BS	YT4L-BS	-	-
50	Sahel, Team, Urka		-	-	-	YB4L-B	-
50	XLE Tiger		-	-	-	YB4L-B	-
125	GTA (Electric-Starter)		-	-	-	YB9-B	-
125	GTA (Kick-Starter)		-	-	-	YB5L-B	-
125	TSR		-	-	-	-	12N7-4B
125	XR Tiger (Electric-Starter)		-	-	-	YB9-B	-
125	XR Tiger (Kick-Starter)		-	-	-	YB5L-B	-
GAS GAS							
250	Pampera		96-01	-	YTX4L-BS	-	-
320	Pampera		98-01	-	YTX4L-BS	-	-
370	Pampera		97	-	YTX4L-BS	-	-

* On some earlier models the Hold Down may require modification

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CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
KYMCO continued							
250	People		-	-	YTX12-BS	-	-
250	People S		-	-	YTX12-BS	-	-
250	Xciting		-	-	YTX12-BS	-	-
250	Grand Dink		-	-	YTX12-BS	-	-
250	Venox		-	-	YTX9-BS	-	-
300	Nikita 300 Fi		11-	-	YT12A-BS	-	-
300	People GT		-	-	YT12A-BS	-	-
300	Xciting		-	-	YTX12-BS	-	-
300	Downtown		-	-	YT12A-BS	-	-
500	Xciting		-	-	YTX14-BS	-	-
500	Xciting 500i		-	-	YTX14-BS	-	-
700	My road		-	-	YTX14-BS	-	-
LAVERDA							
125	125LB		-	-	-	-	12N5.5-3B
125	125LZ (Zundapp)		-	-	-	-	6N11A-1B
125	CU Rider		-	-	-	-	12N5.5-3B
125	GS Lesmo		-	-	-	-	12N5.5-3B
150	Phoenix		-	-	YTX9-BS	-	-
200	Phoenix		-	-	YTX9-BS	-	-
350	350		-	-	-	52515	-
500	500		-	-	-	52515	-
600	OR Atlas		-	-	-	YB14L-A2	-
650	Ghost, Strike		-	-	-	YB14L-A2	-
668	Diamante, Ghost		-99	-	-	51814	-
668	GhostT Legend, Strike		-99	-	-	51814	-
750	750GTL, SFC, S		-99	-	-	51814	-
750	Carenata, Diamante		-99	-	-	51814	-
750	Formula		-	-	-	YB4L-B	-
750	Ghost Strike, Formula		-99	-	-	51814	-
750	SF/SFC/GTL/GTS		-	-	-	-	12N24-3A
750	Strike		-	-	-	-	12N24-3A
1000	1000RGS		-	-	-	53030	-
1200	1200		-	-	-	53030	-
LEM							
50	Flash		-	-	-	YB4L-B	-
50	Ghibli		-	-	-	YB4L-B	-
LINHAI YAMAHA							
-	5WB		-	-	YTX7A-BS	-	-
LONCIN							
110	LX110-30 II		-	-	-	YB5L-B	-
125	JL125-4		-	-	-	YB6L-B	-
150	LX150-2EV		-	-	-	YB7L-B	-
200	LX200-2 II		-	-	-	-	12N7A-3A
MAICO							
125	GS125, 250TM, 360T		-	-	-	-	B39-6
250	CUP		-	-	-	YB5L-B	-

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
MATCHLESS continued							
500	500		-	-	-	-	B38-6A
650	(6V)		-	-	-	-	B38-6A
650	(12V)		-	-	-	YB7L-B	-
750	750		-	-	-	YB7L-B	-
MBK							
50	Active		-	-	-	YB4L-B	-
50	Booster		93-96	-	-	YB4L-B	-
50	Booster NG		96-97	-	-	YB4L-B	-
50	Booster Road		95	-	-	YB4L-B	-
50	Booster Rocket		96-97	-	-	YB4L-B	-
50	Booster Spirit		-99	-	-	YB4L-B	-
50	Booster Track		-99	-	-	YB4L-B	-
50	CTS/SS		-	-	-	YB4L-B	-
50	Equalis		-99	-	-	YB4L-B	-
50	Evolis		93-97	-	-	YB4L-B	-
50	Fizz		95-96	-	-	YB4L-B	-
50	Forte		96-97	-	-	YB4L-B	-
50	Nitro		-99	-	-	YB4L-B	-
50	Ovetto		-99	-	-	YB4L-B	-
50	Sorriso		-	-	-	YB4L-B	-
50	Target		-	-	-	YB4L-B	-
50	X-Limit DT50		97	-	-	YB3L-A	-
80	Evolis		-	-	-	YB4L-B	-
100	Booster		95-96	-	YTX5L-BS	-	-
100	Nitro		-	-	YTX4L-BS	-	-
100	Ovetto		-	-	YTX4L-BS	-	-
125	Doodo		-	-	-	YB7L-B	-
125	Flame		95-97	-	YTX7A-BS	-	-
125	Flame R		-98	-	YTX7A-BS	-	-
125	Skyliner125		-	-	-	YB7L-B2	12N7-3B
125	XC Flame/Flame R		-	-	YTX7A-BS	-	-
150	Skyliner		-	-	-	YB7L-B	-
150	Vertex		-	-	YTX7A-BS	-	-
250	Skyliner250		00	-	YT7B-BS	-	-
300	Kilibre		04	-	YTX9-BS	-	-
660	XT660R		-	-	YT9B-BS	-	-
MORINI							
125	Corsaro		-	-	-	-	6N11A-1B
125	Country		-	-	-	-	6N11A-1B
150	150SS		-	-	-	-	6N11A-1B
175	Turiso, Spor		-	-	-	-	B49-6
350	Coguardo		-	-	-	YB18L-A	-
350	Dart		-	-	-	YB14L-A2	-
350	Excalibur		-	-	-	YB18L-A	-
350	Kanguro		-	-	-	YB18L-A	-
350	New York		-	-	-	YB18L-A	-
350	Sport bicil.		-	-	-	-	12N9-3B
350	Sport bicil. (Electric-Starter)		-	-	-	YB18L-A	-
500	Enduro		-	-	-	-	6N2-2A
500	Turbo		-	-	-	YB18L-A	-

CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
MORINI continued							
501	Camel	-	-	-	-	YB18L-A	-
501	Coguardo	-	-	-	-	YB18L-A	-
501	Excalibur	-	-	-	-	YB18L-A	-
501	New York	-	-	-	-	YB18L-A	-
1200	9 1/2	-	-	-	YTX20CH-BS	-	-
1200	Sport	-	-	-	YTX20CH-BS	-	-
1200	Scrambler	-	-	-	YTX20CH-BS	-	-
1200	Granpasso	-	-	-	YTX20CH-BS	-	-
1200	Corsaro	-	-	-	YTX20CH-BS	-	-
1200	Corsaro Veloce	-	-	-	YTX20CH-BS	-	-
1200	Corsaro Avio	-	-	-	YTX20CH-BS	-	-
MOTO GUZZI							
125	Bicilindrico	-	-	-	-	-	6N11A-3A
125	Bizylinder	-	-	-	-	-	6N11A-3A
125	Custom	-	-	-	-	-	12N9-4B-1
125	Stornello Scrambler	-	-	-	-	-	B38-6A
125	Stornello Sport	-	-	-	-	-	B39-6
125	TT	-	-	-	-	-	12N5.5-4A
160	Stornello Scrambler	-	-	-	-	-	B38-6A
175	Lodola	-	-	-	-	-	B49-6
200	Galletto	-	-	-	-	-	12N24-3A
200	Motocarro Ercolino	-	-	-	-	-	B38-6A
250	4 cilinder	-	-	-	-	YB12A-A	-
250	Bicilindrico	-	-	-	-	-	6N11A-3A
250	Bizylinder	-	-	-	-	-	6N11A-3A
350	Florida	-	-	-	-	YB18L-A	-
350	GTS (4 cylinder)	-	-	-	-	52515	-
350	Nevada/Nevda club	-	-	-	-	YB18L-A	-
350	NTX	-	-	-	-	YB18L-A	-
350	V35	-	-	-	-	53030	-
350	V35 Custom	82-86	-	-	-	YB18L-A	-
350	V35 II	81-86	-	-	-	53030	-
350	V35 Imola/V35 Monza	-	-	-	-	53030	-
350	V35/V35 GT/V35 C	-	-	-	-	53030	-
400	GTS (4 cylinder)	-	-	-	-	52515	-
500	Falcone	-	-	-	-	-	B38-6A
500	Falcone u.t.	-	-	-	-	YB18L-A	-
500	V50	-	-	-	-	53030	-
500	V50 Custom	81-86	-	-	-	YB18L-A	-
500	V50 III	81-86	-	-	-	53030	-
500	V50 Imola/V50 Monza	-	-	-	-	53030	-
500	V50/V50C	-	-	-	-	53030	-
650	Nevada	91-93	-	-	-	Y50-N18L-A	-
650	Nevada N.T	94-98	-	-	-	53030	-
650	NTX	-	-	-	-	YB18L-A	-
650	V65	-	-	-	-	53030	-
650	V65 Custom	82-86	-	-	-	YB18L-A	-
650	V65 Florida	-	-	-	-	YB18L-A	-
650	V65 Florida	86-93	-	-	-	53030	-
650	V65 GT	87-94	-	-	-	53030	-

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CC	Model		Year	High Performance Maintenance Free	Maintenance Free VRLA	YuMicron	Conventional
MOTO GUZZI continued							
650	V65 Lario		84-87	-	-	53030	-
650	V65 Sport		82-87	-	-	53030	-
750	Breva		05-	YTX14AHL-BS	-	YB14L-A2	-
750	Nevada		05-08	-	-	YB14L-A2	-
750	Nevada		08	YTX14AHL-BS	-	-	-
750	Nevada, Club		00-02	-	-	YB18L-A	-
750	Nevada, Club		08	YTX14AHL-BS	-	-	-
750	Nevada 750 Classic		-	YTX14AHL-BS	-	YB14L-A2	-
750	Nevada 750 S.E. 07		-	YTX14AHL-BS	-	YB14L-A2	-
750	V7 CLASSIC		-	YTX14AHL-BS	-	YB14L-A2	-
750	NTX		88-92	-	-	YB18L-A	-
750	Strada		-	-	-	YB18L-A	-
750	Strada		93-96	-	-	53030	-
750	Targa		90-93	-	-	53030	-
750	V7		-	-	-	53030	-
750	V7		-	-	-	YB14L-A2	-
750	V7		08	YTX14AHL-BS	-	-	-
750	V75		95-97	-	-	YB18L-A	-
750	V75		08	YTX14AHL-BS	-	-	-
850	Breva		-	YTX20CH-BS	-	-	-
850	Griso		-	YTX20CH-BS	-	-	-
850	Le Man		-	-	-	53030	-
850	Norge		-	YTX20CH-BS	-	-	-
850	T3, T4, T5		-	-	-	53030	-
850	T3, T4, T5 III		81-88	-	-	53030	-
936	BELLAGIO		-	-	YTX20L-BS	-	-
1000	1000NT		-	-	-	53030	-
1000	1000S		94-98	-	-	53030	-
1000	California II/III		82-98	-	-	53030	-
1000	Convert		-	-	-	53030	-
1000	Daytona, RS		92-98	-	-	53030	-
1000	G5/Convert		-	-	-	53030	-
1000	GT		-	-	-	53030	-
1000	Le Mans		-	-	-	53030	-
1000	Le Mans III		85-93	-	-	53030	-
1000	Mille		-	-	-	53030	-
1000	Mille GT		87-93	-	-	53030	-
1000	Quota		-	-	-	53030	-
1000	Quota		92-95	-	-	Y50-N18L-A	-
1000	SP/California/III		-	-	-	53030	-
1000	SP/II/III		77-91	-	-	53030	-
1000	Strada		93-96	-	-	53030	-
1000	V10 Centauro Sport/GT/SP		97-00	-	-	53030	-
1000	V10 Centauro Sport, GT		00-	-	YTX15L-BS	-	-
1064	California Classic		-	-	YTX20L-BS	-	-
1064	California Vintage		-	-	YTX20L-BS	-	-
1100	1100 Sport/1		94-01	-	-	53030	-
1100	Breva		-	-	YTX20L-BS	-	-
1100	Breva		-	YTX20CH-BS	-	-	-
1100	Breva ABS		-07	YTX20CH-BS	-	-	-
1100	Breva, Griso		05-06	YTX20CH-BS	-	-	-
1100	California		-	-	YTX20L-BS	-	-

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MOTO GUZZI continued							
1100	California (CA only)		03-05	-	YTX15L-BS	-	-
1100	California EV, Stone		99-04	-	-	53030	-
1100	California, Special, Jackal, Brevia, Griso		-	YTX20CH-BS	-	-	-
1100	Griso		-	YTX20CH-BS	-	-	-
1100	JACKAL		-	-	-	53030	-
1100	Quota 1100 ES		99-02	-	YTX15L-BS	-	-
1100	Quota1100ES		00-01	-	-	53030	-
1100	Sport 1100i		97-99	-	YTX15L-BS	-	-
1100	Stone, EV		94-05	-	-	53030	-
1100	V11 Ballabgio		-	-	YTX15L-BS	-	-
1100	V11 Ballabgio		-	-	YTX20L-BS	-	-
1100	V11 Bassa		99-00	-	-	53030	-
1100	V11 Cafe Sports		-	-	YTX15L-BS	-	-
1100	V11 EV		98-99	-	-	53030	-
1100	V11 Le Mans		-	-	-	53030	-
1100	V11 Le Mans Rosso Corsa		-	-	YTX15L-BS	-	-
1100	V11 Le Mans, Sport		99-05	-	YTX15L-BS	-	-
1100	V11 Sport		99-	-	-	53030	-
1200	Norge 1200 T		-	YTX20CH-BS	-	-	-
1200	Sport		-	YTX20CH-BS	-	-	-
1200	Sport ABS		-	YTX20CH-BS	-	-	-
1200	Stelvio 4V		-	YTX20CH-BS	-	-	-
1200	BREVA 1200		-	YTX20CH-BS	-	-	-
1200	BREVA 1200 ABS		-	YTX20CH-BS	-	-	-
1256	MGS-01CORSA		-	-	YTX20L-BS	-	-
MOTOTRANS							
-	250Strada		-	-	-	-	12N12A-4A-1
-	350Forsa		-	-	-	Y50-N18L-A	-
-	350Vento		-	-	-	-	12N12A-4A-1
-	500Desmo		-	-	-	YB14L-A2	-
-	500Twin		-	-	-	Y50-N18L-A	-
MOTRON							
50	Compact Racing RZ1		-	-	-	YB4L-B	-
50	Invader		-	-	-	YB4L-B	-
50	Spike		-	-	-	YB4L-B	-
50	Sting		-	-	-	YB4L-B	-
50	Syncro		-	-	-	YB4L-B	-
50	Thunder		-	-	-	YB4L-B	-
50	XLE		-	-	-	YB4L-B	-
MuZ							
125	All Models		All	-	-	YB9L-A2	-
660	Skorpion		95-01	-	-	YB9L-A2	-
MV AGUSTA							
750	F4, Brutale		00-08	YTZ10S	-	-	-
750	F4, Brutale		04-	YTZ10S	-	-	-
750	F4, SERIE Oro		-	-	-	53030	-
910	Brutale		06-08	YTZ10S	-	-	-

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MV AUGUSTA continued							
1000	F4		05-08	YTZ10S	-	-	-
1000	F4 1000		-	-	-	Y60-N24L-A	-
MZ							
125	125ES, ETS		-	-	-	-	6N11A-1B
125	125ETZ		-	-	-	-	12N9-3B
125	125TS		-	-	-	-	6N11A-1B
125	150ETZ		-	-	-	-	12N9-3B
125	Roadstar		93-94	-	-	YB5L-B	-
125	Saxson Sport Star		93-97	-	-	YB5L-B	-
150	TS150		-	-	-	-	6N11A-1B
250	ETS250		-	-	-	-	6N11A-1B
250	ETZ250		-	-	-	-	12N9-3B
250	TS250		-	-	-	-	6N11A-1B
251/301	Saxson Fun, Tour		93-94	-	-	YB5L-B	-
500	Green Star		97	-	-	YB14L-A2	-
500	Red Star		97	-	-	YB14L-A2	-
500	Saxon Fun		93	-	-	YB14L-A2	-
500	Saxson Country		93-97	-	-	YB14L-A2	-
500	Silver Star Classic		93-96	-	-	YB14L-A2	-
500	Tour		93-94	-	-	YB14L-A2	-
660	Skorpion Classic		97	-	-	YB9L-B	-
660	Skorpion Race Replica		95-96	-	-	YB9L-B	-
660	Skorpion Replica		97	-	-	YB9L-B	-
660	Skorpion Sport		94-97	-	-	YB9L-B	-
660	Skorpion Tour		94-97	-	-	YB9L-B	-
660	Skorpion Traveller		97	-	-	YB9L-B	-
NANJING JINCHENG							
-	SJ110		-	-	-	YB5L-B	-
NORTON							
350	350 Navigator		-	-	-	-	6N11A-1B
750	750 Ranger Commando		-	-	-	YB9-B	-
850	850 Commando, Commando (75)		-	YTX14AHL-BS	-	-	-
OZBIKE							
All Models	All		-	YTX5L-BS	-	-	-
PANDA MOTOR SPORTS							
50	Com-ute		96-02	-	-	-	6N4-2A
50	Cub		96-99	-	YTX4L-BS	-	-
50	Fun Rider		96-02	-	-	-	6N2-2A
50	Retro		01-02	-	-	YB7-A	-
70	Trail Rider		99-02	-	YTX4L-BS	-	-
PEUGEOT							
25	FOX LA		95-97	-	-	YB4L-B	-
50	Buxy		95-97	-	-	YB4L-B	-
50	Buxy RS		96-97	-	-	YB4L-B	-

Yuasa 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

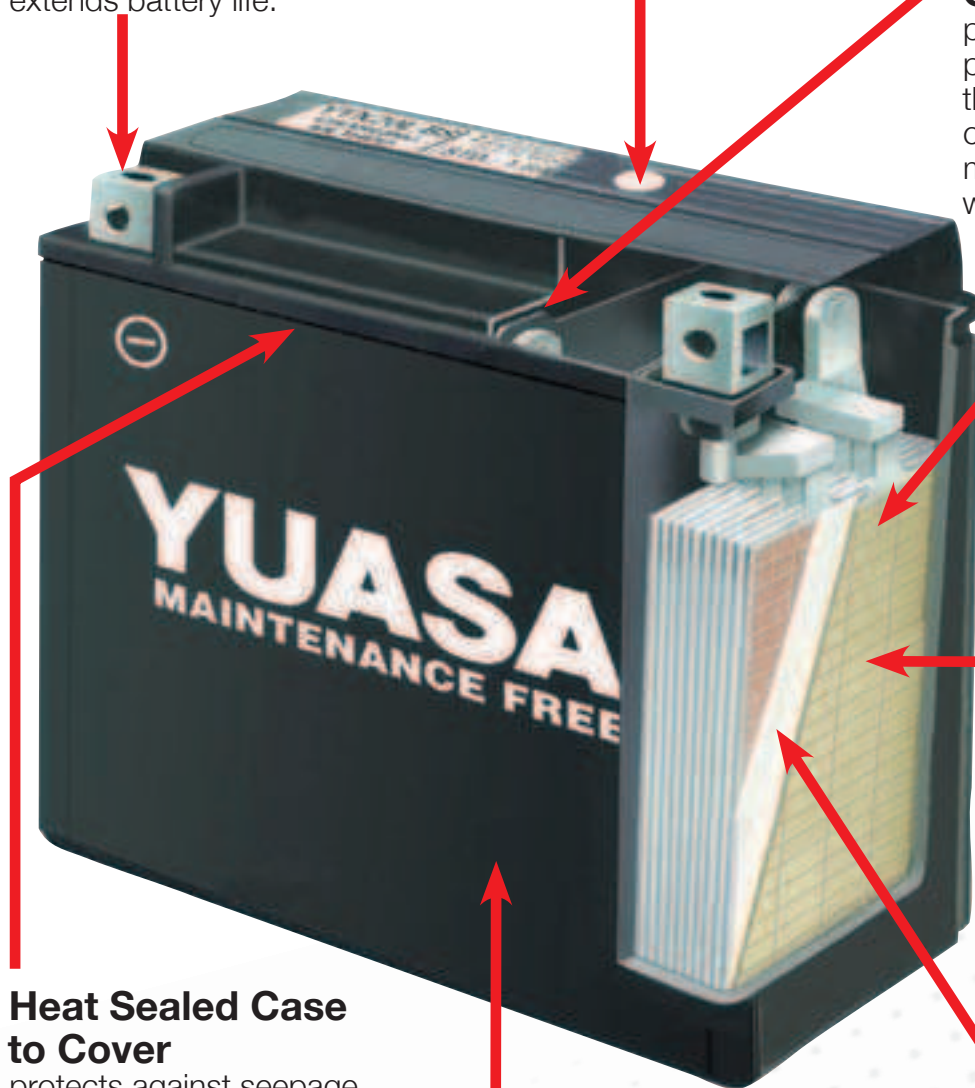
makes the battery
spill-proof. Valve
regulated design
eliminates water loss
and the need to refill
with acid.

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!

Heat Sealed Case to Cover

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



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Cat. No.	May 2012
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