

CROSS REFERENCE

Yuasa	GS	GS-ZTONG YEE
Premium VRLA		
YT4B-BS	GT4B-5	-
YTR4A-BS	GTR4A-5	-
YTX4L-BS	GTH4L-BS	GT4L-BS
YTX5L-BS	GTX5L-BS	GTX5L-BS
YTX7A-BS	GTX7A-BS	GTX-7A-BS
YTX7L-BS	GTX7L-BS	-
YT7B-BS	GT7B-4	-
YTX9-BS	GTX9-BS	GTX9-BS
YT9B-4	GT9B-4	-
YTX12-BS	GTX12-BS	GTX12-BS
YT12B-BS	GT12B-4	-
YTX14-BS	-	GTX14-BS
YTX14L-BS	-	-
YT14B-4	GT14B-4	-
YTX14AH-BS	-	-
YTX14AHL-BS	-	-
YTX15L-BS	-	-
YTX20-BS	-	GT16-BS
YTX20L-BS	-	GT16L-BS
YTX24HL-BS	-	GTX18L-BS
YTX20L-BS	-	GTX20L-BS
YIX30L	-	-
Premium		
YB2.5L-C	GM2.5A-3C-2	CB2.5L-C
YB2.5L-C-1	-	CB2.5L-C-1
YB3L-A	GM3-3A	CB3L-A
YB3L-B	GM3-3B	CB3L-B
YB4L-A	-	CB4L-A
YB4L-B	GM4-3B	CB4L-B
YB5L-B	GM5Z-3B	CB5L-B
YB7-A	GM7Z-4A	CB7-A
YB7C-A	GM7CZ-3D	-
YB7L-B	GM7-3B-1	CB7L-B
YB9A-A	-	CB9A-A
YB9L-A2	GM9Z-3A-1	CB9L-A2
YB9-B	GM9Z-4B	CB9-B
YB9L-B	GM9Z-3B	CB9L-B
YB10A-A2	-	CB10A-A
YB10L-A2	GM10Z-3A	CB10L-A2
YB10L-B	GM10Z-3B	-
YB10L-B2	GM10Z-3B-2	CB10L-B2
YB12A-A	GM12AZ-4A-1	CB12A-A
YB12AL-A	-	CB12AL-A
YB12A-B	-	-
YB12B-B2	GM12B-4B	CB12B-B2
YB12C-A	GM12CZ-4A-2	-
YB14-A2	GM14Z-4A	CB14-A2
YB14A-A1	-	-
YB14A-A2	GM14AZ-4A-1	-
YB14L-A1	-	CB14L-A1
YB14L-A2	GM14Z-3A	CB14L-A2
YB14L-B2	GM14Z-3B	CB14L-B2
YB14-B2	GM14Z-4B	CB14-B2
SYB14L-A2	GM14Z-3A	SCB14-LA2
SYB14L-B2	-	SCB14-LB2
YB16AL-A2	GM16A-3A	CB16AL-A2
HYB16A-AB	-	HCB16A-A
YB16-B	GM16Z-4B	CB16-B
YB16L-B	GM16Z-3B	CB16L-B
YB16-B-CX	-	GT16-BS
YB16HL-A-CX	-	GT16L-BS
YB16B-A	GM16B-4A	-
YB16B-A1	-	-
YB16C-B	-	-
YB16CL-B	GB16CL-B	CB16CL-B
SYB16L-B	-	-
YB18-A	-	CB18-A
YB18L-A	GM18A-3A	CB18L-A
Y50-N18A-A	-	-
Y50-N18L-A	GM18Z-3A	C50-N18L-A3
Y50-N18L-A3	-	C50-N18L-A3
Y60-N24-A	-	C60-N24L-A
Y60-N24AL-B	-	-

Yuasa	GS	GS-ZTONG YEE
Conventional 12 Volt		
12N5-3B	-	12N5-3B
12NN5-4B	-	12N5-4B
12N5.5-3B	12N5.5-3B	12N5.5-3B
12N5.5-4A	-	12N5.5-4A
12N5.5-4B	-	-
12N5.5A-3B	-	12N5.5A-3B
12N7-3B	-	12N7-3B
12N7-4A	-	12N7-4A
12N7-4B	-	12N7-4B
12N7D-3B	12N7D-3B	12N7D-3B
12N9-3A	-	-
12N9-3A-1	-	-
12N9-3B	-	12N9-3B
12N9-4B-1	-	12N9-4B-1
12N10-3A	-	-
12N10-3A-1	-	-
12N10-3A-2	-	12N10-3A-2
12N10-3B	-	12N10-3B
12N11-3A-1	-	-
12N12-3B	-	-
12N12A-4A-1	-	12N12A-4A-1
12N14-3A	-	12N14-3A
12N16-3B	-	-
12N18-3	-	-
12N24-3A	-	12N24-3A
12N24-3	-	12N24-3
YHD-12	-	CHD4-12
-	-	-
-	-	-
Conventional 6 Volt		
6N2-2A	6N2-2A	6N2-2A
6N2-2A-1	-	6N2-2A-1
6N2-2A-3	-	6N2-2A-3
6N2-2A-4	6N2-2A-4	6N2-2A-4
6N2-2A-7	6N2-2A-7	6N2-2A-7
6N2-2A-8	6N2-2A-8	6N2-2A-8
6N2-2A-9	6N2-2A-9	6N2-2A-9
6N2A-2C	6N2A-2C	6N2A-2C
6N2A-2C-3	-	6N2A-2C-3
6N2A-2C-4	6N2A-2C-4	-
6N4-2A	6N4-2A	6N4-2A
6N4-2A-2	6N4-2A-2	-
6N4-2A-3	-	6N4-2A-3
6N4-2A-4	-	6N4-2A-4
6N4-2A-5	-	6N4-2A-5
6N4-2A-7	6N4-2A-7	-
6N4-2A-8	-	-
6N4-2A-9	6N4-2A-9	-
6N4A-4D	-	6N4A-4D
6N4B-2A	6N4B-2A	6N4B-2A
6N4B-2A-3	6N4B-2A-3	6N4B-2A-3
6N4B-2A-5	-	6N4B-2A-5
6N4C-1B	-	6N4C-1B
6N5.5-1D	-	6N5.5-1D
6N5.5-1D-1	-	6N5.5-1D-1
6N5.5-1D-2	-	-
6N6-1B	-	6N6-1B
6N6-3B	-	6N6-3B
6N6-3B-1	6N6-3B-1	6N6-3B-1
6N6-1D	-	6N6-1D
6N6-1D-2	-	6N6-1D-2
B39-6	-	-
6N11-2D	-	6N11-2D
6N11A-1B	-	6N11A-1B
6N11A-3A	-	-
6N12-4A	-	6N12-4A
B54-6	-	-
6N12A-2D	-	6N12A-2D
B38-6	-	-
6YB8L-B	6GM8-3B	-
-	-	-
-	-	-

Feature	Benefit	Premium AGM	CB Series	Conventional
GS Quality	Dependable starting power	✓	✓	✓
Special Lead Alloy Grids	Reduces self discharge	✓	✓	✓
Selected Types Available as Factory Activated	Filled, sealed and charged at the factory	✓	✓	
Sealed Design	Eliminates acid spilling	✓		
Maintenance Free Technology	Eliminates the need to check and refill the battery	✓		
Absorbant Glass Mat Separators	Lowers internal resistance for faster recharging and higher performance	✓		
Compressed Plate Packs	Protects against damage due to vibration	✓		
Compressed Plate Packs	Provides superior active material integrity which maximizes cycle life	✓		
Premeasured Acid Pack	Removes guesswork when filling battery	✓		



Premium AGM

GS-GT Premium AGM batteries are loaded with features for the highest reliability with the most cranking power. Our gas recombinant technology eliminates water loss: once filled with electrolyte, the battery is permanently sealed...no more worries about checking electrolyte levels. Protect your valuable bike, parts and accessories from electrolyte damage.



CB Series

GS-CB high performance series uses a special lead alloy to reduce self discharge and maximize starting power, even after months of storage. The CB series uses an active material compound designed to resist vibration and has the most advanced technological battery construction methods.



Conventional

GS Conventional uses patented **polymion technology** and advanced separator technology to reduce resistance and to generate 30% more starting power than other conventional batteries as well as shorter charge time and superior charge retention.

BATTERY SPECIFICATIONS

Premium AGM Factory Activated

12 VOLT

Battery Type	Capacity AH (10HR)	Dimensions (Millimeters)			Weight (kgs.)	Terminal Type-see pg.8	Acid Volume (Liters)	Regular Charge Current (amps)	CCA@0°F (-18°C)	Assembly Figure (As per cover polarity)
		L	W	H						
GT7-B4	6.5	151	66	94	2.7	4	N/A	0.6	110	
GT9-B4	8	150	70	105	3.4	4	N/A	0.8	115	
GT12-B4	10	151	70	131	4.5	4	N/A	1.0	180	
GT14-B4	12	150	69	145	4.9	4	N/A	1.2	210	
YIX30L	27.5	166	126	175	9.9	10	N/A	2.8	335	

Premium AGM

12 VOLT

Battery Type	Capacity AH (10HR)	Dimensions (Millimeters)			Weight (kgs.)	Terminal Type-see pg.8	Acid Volume (Liters)	Regular Charge Current (amps)	CCA@0°F (-18°C)	Assembly Figure (As per cover polarity)
		L	W	H						
GTX4L-BS	3	114	71	86	1.3	5	0.18	0.4	50	
GTX5L-BS	4	114	71	106	1.6	5	0.24	0.5	70	
GTX7A-BS	6	150	87	94	2.4	5	0.33	0.7	85	
GTX7L-BS	6	114	71	131	2.3	5	0.33	0.6	85	
GTX9-BS	8	150	87	105	2.4	5	0.40	0.9	120	
GTX12-BS	10	150	87	130	3.4	5	0.60	1.2	180	
GTX14-BS	12	150	87	145	3.7	5	0.70	1.4	200	
GTX14AH-BS	12	136	91	168	3.7	8	0.70	1.4	190	
GTX14AHL-BS	12	136	91	168	3.7	8	0.70	1.4	190	
GT16-BS	19	176	101	156	4.7	4	0.78	4.7	240	
GT16L-BS	19	176	101	156	5.1	4	0.78	4.7	240	
GTX18L-BS	20	206	91	164	5.1	4	0.93	5.1	250	
GTX20-BS ¹	18	175	87	155	5.1	4	0.93	1.8	275	
GTX20L-BS ¹	18	175	87	155	5.1	4	0.93	1.8	275	

¹ The GTX20 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.

CB Series

12 VOLT

Battery Type	Capacity AH (10HR)	Dimensions (Millimeters)			Weight (kgs.)	Terminal Type-see pg.8	Acid Volume (Liters)	Regular Charge Current (amps)	Assembly Figure (As per cover polarity)
		L	W	H					
CB2.5L-C	2.5	80	70	105	0.8	-	.23	0.3	
CB2.5L-C-1	2.5	80	70	105	0.8	-	.23	0.3	
CB3L-A	3	98	56	110	1.1	6	.23	0.3	
CB3L-B	3	98	56	110	1.1	6	.23	0.3	
CB4L-A	4	120	70	92	1.3	5	.30	0.4	
CB4L-B	4	120	70	92	1.3	5	.30	0.4	
CB5L-B	8	120	60	130	1.6	6	.36	0.5	

CB Series (continued)

12 VOLT

Battery Type	Capacity AH (10HR)	Dimensions (Millimeters)			Weight (kgs.)	Terminal Type-see pg.8	Acid Volume (Liters)	Regular Charge Current (amps)	Assembly Figure (As per cover polarity)
		L	W	H					
CB7-A	8	135	75	133	2.3	6	0.6	0.8	
YB7C-A	8	130	90	114	2.3	3	0.6	0.8	
CB7L-B	8	135	75	133	2.3	11	0.6	0.8	
CB9A-A	9	135	75	155	2.4	6	0.6	0.9	
CB9L-A2	9	135	75	139	2.4	4	0.6	0.9	
CB9-B	9	135	75	139	2.4	6	0.6	0.9	
CB9L-B	9	135	75	139	2.4	6	0.6	0.9	
CB10A-A2	11	135	90	155	3.2	8	0.8	1.1	
CB10L-A2	11	135	90	145	3.2	8	0.8	1.1	
CB10L-B2	11	135	90	145	3.2	8	0.8	1.1	
CB12A-A	12	134	80	160	3.1	6	0.8	1.2	
CB12AL-A	12	134	80	160	3.1	6	0.8	1.2	
CB12B-B2	12	160	90	130	3.2	8	0.8	1.2	
CB12C-A	12	134	80	175	3.2	4	0.8	1.2	
CB14-A2	14	134	89	176	3.6	8	0.9	1.4	
CB14L-A1	14	134	89	166	3.4	1	0.9	1.4	
CB14L-A2	14	134	89	166	3.4	8	0.9	1.4	
CB14L-B2	14	134	89	166	3.4	8	0.9	1.4	
CB14-B2	14	134	89	166	3.4	8	0.9	1.4	
SCB14L-A2*	14	134	89	166	3.4	8	0.9	1.4	
SCB14L-B2*	14	134	89	166	3.4	8	0.9	1.4	
CB16AL-A2	16	207	71.5	164	3.9	2	1.1	1.6	
HCB16A-A	16	151	91	180	3.9	7	0.9	1.6	
CB16-B	19	175	100	155	4.8	6	1.2	1.9	
CB16L-B	19	175	100	155	4.8	6	1.2	1.9	
CB16CL-B	19	175	100	175	4.6	4	1.2	1.9	
CB18-A	18	180	90	162	4.3	7	1.2	1.8	
CB18L-A	18	180	90	162	4.3	7	1.2	1.8	
C50-N18L-A3	20	205	90	162	5.1	4	1.4	2.0	
C60-N24L-A	28	184	124	175	6.5	3	1.7	2.8	
CB30L-B	30	168	132	176	6.4	4	1.7	3.0	

*This battery includes a sensor.

Conventional

12 VOLT

Battery Type	Capacity AH (10HR)	Dimensions (Millimeters)			Weight (kgs.)	Terminal Type-see pg.8	Acid Volume (Liters)	Regular Charge Current (amps)	Assembly Figure (As per cover polarity)
		L	W	H					
12N5-3B	5	120	60	130	1.4	6	0.4	0.5	
12N5-4B	5	120	60	130	1.4	6	0.4	0.5	
12N5.5-3B	5.5	135	60	130	1.9	6	0.4	0.6	
12N5.5-4A	5.5	135	60	130	1.9	2	0.4	0.6	
12N5.5A-3B	5.5	103	90	114	1.9	6	0.5	0.6	
12N7-3B	7	135	75	133	1.9	6	0.5	0.7	
12N7-4A	7	135	75	133	1.9	6	0.5	0.7	
12N7-4B	7	135	75	133	1.9	6	0.5	0.7	
12N7D-3B	7	135	75	150	1.9	6	0.6	0.7	
12N9-3B	9	135	75	139	2.4	6	0.6	0.9	
12N9-4B-1	9	135	75	139	2.4	6	0.6	0.9	
12N10-3A-2	10	135	90	145	2.6	6	0.8	1.0	
12N10-3B	10	135	90	145	2.6	6	0.8	1.0	
12N12A-4A-1	12	134	80	160	3.1	6	0.7	1.2	
12N14-3A	14	134	89	166	3.4	8	0.8	1.4	
12N24-3A	24	184	124	175	5.5	8	1.2	2.4	
CHD4-12	28*	206	133	165	6.0	9	2.2	2.8	

* @20 Hour Rate

Conventional

6 VOLT

Battery Type	Capacity AH (10HR)	Dimensions (Millimeters)			Weight (kgs.)	Terminal Type-see pg.8	Acid Volume (Liters)	Regular Charge Current (amps)	Assembly Figure (As per cover polarity)
		L	W	H					
6N2-2A	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	
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	
6N4-2A	4	71	71	96	0.6	-	0.2	0.4	
6N4-2A-3	4	71	71	96	0.6	-	0.2	0.4	
6N4-2A-4	4	71	71	96	0.6	-	0.2	0.4	
6N4-2A-5	4	71	71	96	0.6	-	0.2	0.4	
6N4-2A-8(6)	4	71	71	96	0.6	-	0.2	0.4	
6N4A-4D	4	61	57	131	0.8	-	0.2	0.4	
6N4B-2A	4	102	48	96	0.8	-	0.2	0.4	
6N4B-2A-3	4	102	48	96	0.8	-	0.2	0.4	
6N4B-2A-5	4	102	48	96	0.8	-	0.2	0.4	
6N4C-1B	4	71	71	105	0.6	-	0.2	0.4	
6N5.5-1D	5.5	90	70	100	0.8	-	0.3	0.6	
6N6-1B	6	99	57	111	0.9	-	0.3	0.6	
6N6-3B	6	99	57	111	0.9	6	0.3	0.6	
6N6-3B-1	6	99	57	111	0.9	6	0.3	0.6	
6N6-1D-2	6	99	57	111	0.9	-	0.3	0.6	
B39-6	7	126	48	126	1.3	6	0.3	0.7	
6N11A-1B	11	122	62	131	1.6	6	0.4	1.1	
6N12A-2D	12	156	57	116	1.7	6	0.5	1.2	
B38-6A	13	119	83	161	2.1	6	0.6	1.3	

Terminals

Terminal shapes vary from one battery to another. Identifying the correct replacement battery from the listing in this book assures the proper terminal configuration. For custom applications, refer to the following chart to identify terminal shape and corresponding batteries.

Type	Terminal Shape			Battery Type				
	Front	Side	Top					
1				CB14L-A1				
2				CB16AL-A2 12N5.5-4A				
3				YB7CA C60-N24L-A				
4				C50-N18L-A3 CB16CL-B GT9B-4 GT16-BS GTX20-BS CB9L-A2 CB30L-B GT12B-4 GT16L-BS GTX20L-BS CB12C-A GT7B-4 GT14B-4 GTX18L-BS				
5				CB4L-A GTX5L-BS GTX9-BS CB4L-B GTX7A-BS GTX12-BS GTX4L-BS GTX7L-BS GTX14-BS				
6				B38-6A CB14A-A 12N5-4B 12N10-3B B39-6 CB16L-B 12N5.5-3B 12N12A-4A-1 CB3L-A CB16-B 12N5.5A-3B CB3L-B 8N6-3B 12N7D-3B CB5L-B 8N6-3B-1 12N7-3B CB7-A 8N8-3B 12N7-4A CB9-B 8N11-2D 12N7-4B CB9A-A 8N11A-1B 12N9-3B CB9L-B 8N12A-2D 12N9-4B-1 CB12AL-A 12N5-3B 12N10-3A-2				
7				CB18-A CB18L-A HCB16A-A				
8				CB10A-A2 CB14-A2 SCB14L-A2 12N14-3A CB10L-A2 CB14-B2 SCB14L-B2 12N24-3A CB10L-B2 CB14L-A2 GT14-BS CB12B-B2 CB14L-B2 GT14L-BS				
9				CHD4-12				
10				YIX30L				
11				CB7L-B				

GS Battery Cross Reference Chart

PREMIUM AGM VRLA*	CB	CONVENTIONAL
-	CB5L-B	12N5-3B
-	CB7L-B	12N7-3B
-	CB7-A	12N7-4A
-	CB9-B	12N9-4B-1
-	CB9L-B	12N9-3B
-	CB9L-A2	-
-	CB10L-A2	12N10-3A-2
-	CB10L-B2	12N10-3B
-	CB12A-A	12N12A-4A-1
GTX14AH-BS	CB14A-2	-
GTX14AH-BS	CB14A-A2	-
GTX14AHL-BS	CB14L-A2	12N14-3A
GT16-BS	CB16-B	-
GT16L-BS	-	-
GT16L-BS	CB16L-B	-
GTX20-BS	CB18-A	-
GTX20L-BS ¹	CB18L-A	-
GTX18L-BS	C50-N18L-A3	-
GTX18L-BS ²	-	-
YIX30L	CB30L-B	-
GT16-BS	CB16C-B	-

* Valve Regulated Lead Acid.

¹ The GTX20 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.

² Top and front terminal mounts only. Eliminates need for sensor (needs to be disabled).

Designation of Battery Type Numbers

Examples:

6 N 2 - 2 A - 8	C 50 - N 18 L - A	CB 16 A L - A 2	GT X 20 L - B S
12 N 12 A - 4 A - 1	h j b i e f	h i d e f g	k m i e g l
a b c d e f g			

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 Polymion batteries
- i - performance level
- j - cranking or starting power
- k - symbol of GS maintenance free (VRLA) batteries (GT)
- l - sealed, non-spillable
- m - high performance

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

1	2	3	4
+	+	-	+
6N4C-1B	6N2-2A	CB10L-A2	CB12A-A

Fig.2 "f" Located of opening for exhaust

A	B	C	D
12N7-4A	CB16CL-B	6N2A-2C	6N6-1D-2

Premium AGM technology builds a better battery.

In AGM batteries, the plate stacks are compressed when inserted into the battery case. These tightly packed cells provide maximum support against damage due to vibration to provide superior vibration resistance. This compression also provides superior active material integrity resulting in maximum cycle life. The AGM separator materials lower the internal resistance so these batteries have faster recharging rates and higher amperage than other battery technologies.

