

BATTERIES

Best

GYZ Series – The Next Generation in Powersports Batteries

- AGM separators with superior grid designs for extreme vibration resistance
- More active material surface area for enhanced performance and power
- Longer shelf life and improved life cycle performance
- Additional Amp hours for more accessories
- Supplied "Factory Activated" (nonspillable)



High Performance / AGM

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

Better

AGM

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



Good

YuMicron / Conventional

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





GYZ Series – The Industry's Most Powerful Family of Batteries

- Highest CCA motorcycle battery (500 CCA* ON GYZ32HL)
 - Large heavy-duty flush terminals with multiple connections (GYZ32HL, GYZ20HL, GYZ20H)
 - Built in brass nuts (GYZ32HL, GYZ20H, GYZ20HL)
- * CCA at 0°F (-18°C) per BCI testing protocol

Yuasa's GYZ family of batteries are made with advanced engineering, premium quality and unmatched reliability.

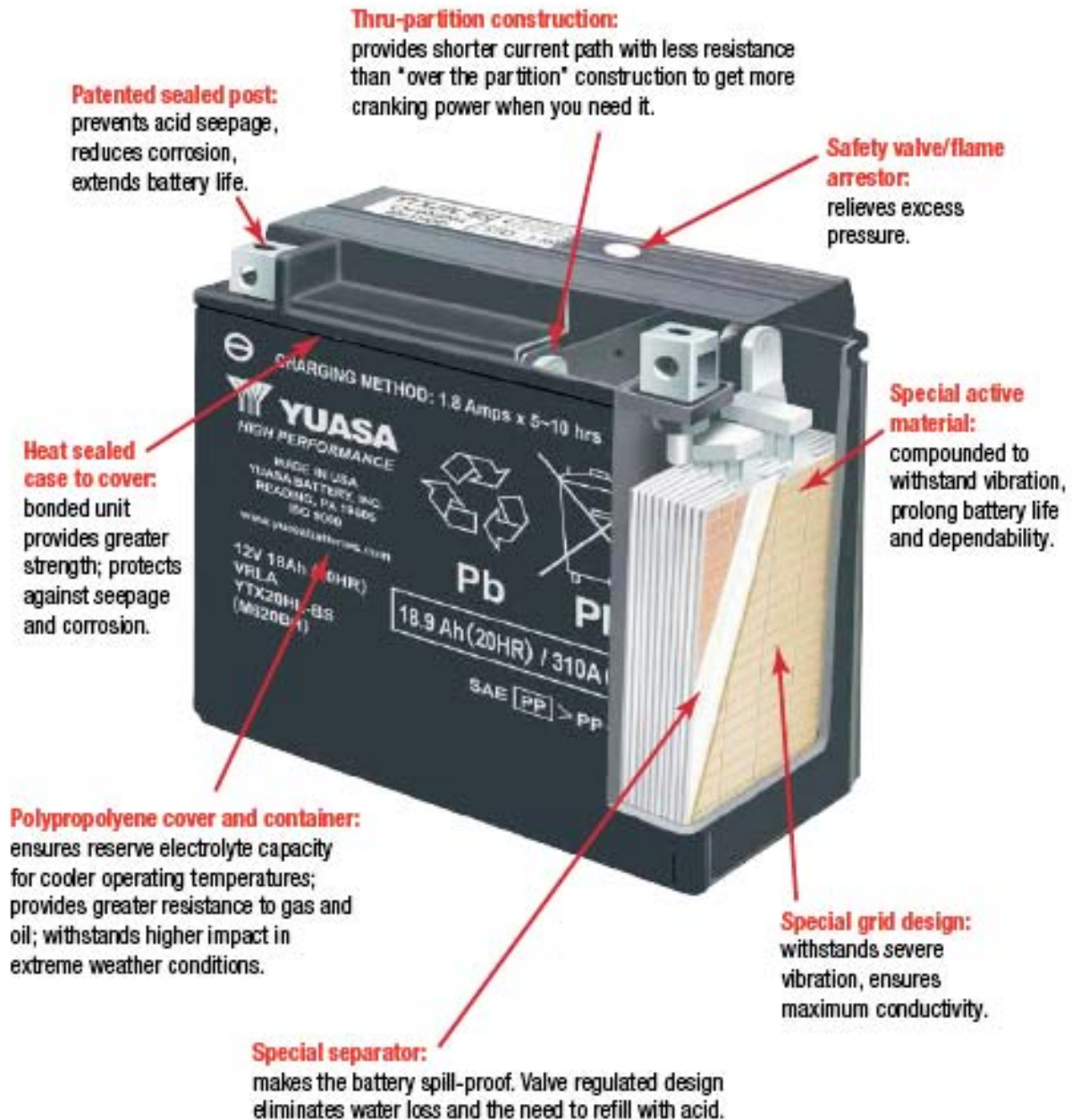


GYZ	Capacity (Ah)	CCA*	V-Twin	Metric	ATV	Upgrade for:
All GYZ exceed OE CCA and Amp hour requirements						
GYZ16H	16	240				YTX14
GYZ16HL	16	240				YTX14L
GYZ20L	20	250				YTX20L
GYZ20H	20	320				YTX20H
GYZ20HL	20	320				YTX20HL
GYZ32HL	32	500				YIX30L

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

BATTERIES

AGM Cutaway Diagram



BATTERIES

FEATURES AND BENEFITS

Component	Features	Benefits
Cast Grid	Special Grid Design	Severe vibration resistance & improved conductivity
Active Material	Proprietary Formulation	Reduced shedding, maximum utilization & long service life
Pasted Plates	Specified Thickness & Weight	Ensures vibration resistance through precise compression & proper service life through specified active material balance
Dried-Charged Plates	Tank Formed & Dried Plates	Properly dried plates in a sealed battery have a virtually limitless shelf-life, while still retaining 70-80% state of charge when initially filled with acid
Top Lead Connections	Through-Partition Construction, Large Straps	Shorter current path for increased electrical conductivity & higher starting currents, heavier parts for maximum durability
Case-Cover Seal	Thermal Bonded Plastic	Air tight seal to prevent air ingress & acid seepage
Terminal-Cover Seal	Patented Poly-Seal Terminal	Eliminates acid seepage, reduces corrosion & extends battery life
Case & Cover	Polypropylene	Superior resistance to gasoline & oil, impact resistant in extreme weather conditions
Additive	Sulfate Stop (Some models)	Sulfate stop added to reduce the solubility of lead into the acid, which then reduces battery sulfation potential

YuMicron

Separator	Leaf or Envelope Separator	Polyethylene with glass mat sheet bonded for compression to withstand severe vibration conditions
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GYZ/YTX/High Performance AGM

Separator	AGM (Absorbed Glass Mat)	High puncture resistant separator for increased service in high vibration applications
Top Lead Alloy	Calcium Alloy	Increased weld strength & severe vibration resistance
Vent System	Valve & Flame Arrestor	Valve relieves excess pressure to prevent bursting, flame arrestor frit prevents internal combustion

BATTERY TERMINAL CHART

DESIGNATION OF BATTERY TYPE NUMBERS

Conventional

12 N 12A-4 A-1

1 2 3 4 5 6

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

High Performance Conventional

YB 16A L-A2

1 2 3 4

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

AGM

YTX 14 A H L-BS-1

1 2 3 4 5 6 7

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

BATTERY SPECIFICATIONS

Best

BATTERY SPECIFICATIONS

AGM, High Performance

Factory Activated (Non-Spillable)

12 VOLT

Battery Type	Capacity AH (10Hr)	Dimensions - Inches (± 1/16 in)			Dimensions - Millimeters (± 2 mm)			Assembly Figure (As Per Cover Polarity)	Approx. Weight with Acid (lbs.)	Terminal Type (Refer to page 6)	Acid Volume (Liter)	Regular Charge Current (amp)	C.C.A. @ 0 °F (-18 °C)
		L	W	H	L	W	H						
YT216H	16	6	37/16	5 3/4	158	87	146		12.4	5	NA	1.8	240
YT216HL	16	6	37/16	5 3/4	158	87	146		12.4	5	NA	1.8	240
YT220L	20	6 7/8	37/16	6 1/8	175	87	155		15.2	4	NA	2.8	250
YT220H	20	6 7/8	37/16	6 1/8	175	87	155		15.7	14	NA	2.8	320
YT220HL	20	6 7/8	37/16	6 1/8	175	87	155		15.7	14	NA	2.8	320
YT232HL	32	6 9/16	5	6 7/8	168	126	175		24.7	14	NA	3.2	500
YT304H*	12	5 5/16	3 1/2	6 9/16	134	89	168		11.1	4	NA	1.2	210
YT304HL	12	5 5/16	3 1/2	6 9/16	134	89	168		11.1	4	NA	1.2	210
YT304H	12	6	37/16	5 3/4	158	87	146		10.6	5	NA	1.2	240
YT320H	18	6	37/16	6 3/8	158	87	161		13.4	5	NA	1.8	270
YT320H	18	6 7/8	37/16	6 1/8	175	87	155		15.1	4	NA	1.8	310
YT320HL	18	6 7/8	37/16	6 1/8	175	87	155		15.1	4	NA	1.8	310
YT320HL-PM**	18	6 7/8	37/16	6 7/8*	175	87	175*		15.1	4	NA	1.8	310
YT324HL	21	8 1/8	37/16	6 3/8	206	87	162		17.5	4	NA	2.1	350
YT27S	6	4 7/16	2 3/4	4 1/8	113	70	106		4.6	5	NA	0.8	130
YT21HS	8.8	6	37/16	3 11/16	158	87	99		7.0	11	NA	0.8	180
YT212S	11	6	37/16	4 3/8	158	87	118		8.1	11	NA	1.1	210
YT214S	11.2	6	37/16	4 3/8	158	87	118		8.6	11	NA	1.1	230

Fresh Pack (Battery Supplied Dry with an Acid Bottle)

12 VOLT

Battery Type	Capacity AH (10Hr)	Dimensions - Inches (± 1/16 in)			Dimensions - Millimeters (± 2 mm)			Assembly Figure (As Per Cover Polarity)	Approx. Weight with Acid (lbs.)	Terminal Type (Refer to page 6)	Acid Volume (Liter)	Regular Charge Current (amp)	C.C.A. @ 0 °F (-18 °C)
		L	W	H	L	W	H						
YT25S	3.5	4 7/16	2 3/4	3 3/8	113	70	86		3.5	5	0.28	0.4	65
YT314H-BS*	12	5 5/16	3 1/2	6 9/16	134	89	168		11.1	4	0.68	1.2	240
YT314HL-BS	12	5 5/16	3 1/2	6 9/16	134	89	168		11.1	4	0.68	1.2	240
YT314H-BS	12	6	37/16	5 3/4	158	87	146		10.6	5	0.68	1.2	240
YT320H-BS	18	6	37/16	6 3/8	158	87	161		13.4	5	0.82	1.8	270
YT320H-BS	18	6 7/8	37/16	6 1/8	175	87	155		15.1	4	0.82	1.8	310
YT320HL-BS	18	6 7/8	37/16	6 1/8	175	87	155		15.1	4	0.82	1.8	310
YT320HL-BS-PM**	18	6 7/8	37/16	6 7/8*	175	87	175*		15.1	4	0.82	1.8	310
YT324H-BS	21	8 1/8	37/16	6 3/8	206	87	162		17.5	4	1.08	2.1	350

* Includes 10mm height spacer for use in replacing YB14A-A1 and YB14A-A2.
** Includes 20mm height spacer for use in replacing YB19C1-B.

BATTERY SPECIFICATIONS

BATTERY SPECIFICATIONS AGM

Better

Factory Activated (Non-Spillable)

12 VOLT

Battery Type	Capacity Ah (20Hr)	Dimensions - Inches (± 1/16 in)			Dimensions - Millimeters (± 2 mm)			Assembly Figure (See Per Cover Polarity)	Approx. Weight with Acid (lbs.)	Terminal Type (Refer to page 8)	Acid Volume (Liters)	Regular Charge Current (Amps)	C.I.A. @ 0 °F (18 °C)
		L	W	H	L	W	H						
YD3	3	6	3 7/16	4 3/16	150	87	105		6.6	5	N/A	0.9	135
YD12	10	6	3 7/16	5 1/8	150	87	130		8.2	5	N/A	1.2	180
YD13	10	6	3 7/16	5 1/8	150	87	130		8.2	5	N/A	1.2	180
YD14	12	6	3 7/16	5 3/4	150	87	145		10.1	5	N/A	1.4	240
YD14L	12	6	3 7/16	5 3/4	150	87	145		10.1	5	N/A	1.4	200
YD15L	13	6 7/8	3 7/16	5 1/8	175	87	130		11.8	4	N/A	1.3	220
YD20	18	6 7/8	3 7/16	6 1/8	175	87	155		13.9	4	N/A	1.8	270
YD20L	18	6 7/8	3 7/16	6 1/8	175	87	155		13.9	4	N/A	1.8	270
YD30L	30	8 9/16	5	6 7/8	186	126	175		22.8	4	N/A	3	400
YD30L-PH**	30	8 9/16	5	6 7/8	186	126	175		22.8	4	1.40	3.0	400

Fresh Pack (Battery Supplied Dry with an Acid Bottle)

12 VOLT

Battery Type	Capacity Ah (20Hr)	Dimensions - Inches (± 1/16 in)			Dimensions - Millimeters (± 2 mm)			Assembly Figure (See Per Cover Polarity)	Approx. Weight with Acid (lbs.)	Terminal Type (Refer to page 8)	Acid Volume (Liters)	Regular Charge Current (Amps)	C.I.A. @ 0 °F (18 °C)
		L	W	H	L	W	H						
YD4-BS	2.3	4 1/2	1 15/16	3 3/8	114	49	86		2.4	12	0.14	0.3	45
YD6-BS	2.3	4 1/2	1 9/16	3 7/16	114	39	86.5		2.4	13	0.12	0.3	40
YD4L-BS	3	4 1/2	2 13/16	3 3/8	114	71	86		2.4	5	0.18	0.4	90
YD5L-BS	4	4 1/2	2 13/16	4 3/16	114	71	106		4.2	5	0.24	0.5	80
YD6-BS	6.5	6	2 9/16	3 11/16	150	65	93		5.9	11	0.33	0.7	120
YD7A-BS	6	6	3 7/16	3 3/4	150	87	94		6.3	5	0.33	0.7	105
YD7L-BS	6	4 1/2	2 13/16	5 3/16	114	71	131		6.1	5	0.33	0.6	100
YD8-BS	8	6	2 3/4	4 1/8	150	70	105		8.7	11	0.40	0.8	145
YD9-BS	8	6	3 7/16	4 3/16	150	87	105		8.6	5	0.40	0.9	135
YD13A-BS	10	6	3 7/16	4 3/16	150	87	105		7.7	5	0.47	1.0	175
YD13B-BS	10	6	2 3/4	5 1/8	150	69	130		8.0	11	0.52	1.0	240
YD12-BS	10	6	3 7/16	5 1/8	150	87	130		8.2	5	0.60	1.2	180
YD10 4-BS*	12	6	3 7/16	5 3/4	150	87	145		10.1	5	0.69	1.4	200
YD14B-BS	12	6 1/8	2 3/4	5 3/4	150	70	145		11.8	11	0.60	1.2	240
YD14-BS	12	6	3 7/16	5 3/4	150	87	145		10.1	5	0.69	1.4	200
YD14L-BS	12	6	3 7/16	5 3/4	150	87	145		10.1	5	0.69	1.4	200
YD15L-BS	13	6 7/8	3 7/16	5 1/8	175	87	130		11.8	4	0.69	1.3	220
YD16-BS	14	6	3 7/16	6 3/8	150	87	161		12.8	4	0.78	1.4	220
YD16-BS-1	14	6	3 7/16	6 3/8	150	87	161		12.8	1	0.78	1.4	220
YD18B-BS	17.7	7 7/16	3 3/16	6 11/16	185	88	170		12.5	10	0.95	1.8	170
YD20-BS	18	6 7/8	3 7/16	6 1/8	175	87	155		13.9	4	0.93	1.8	270
YD20L-BS	18	6 7/8	3 7/16	6 1/8	175	87	155		13.9	4	0.93	1.8	270
YD30L-BS	30	8 9/16	5	6 7/8	186	126	175		22.8	4	1.40	3.0	400
YD30L-BS-PH**	30	8 9/16	5	6 7/8	186	126	175		22.8	4	1.40	3.0	400

* Available at Kawasaki dealers only
** Includes 17 mm height spacer for replacing YD30L-BS

BATTERY SPECIFICATIONS

Good

BATTERY SPECIFICATIONS

High Performance, Conventional (YuMicron)

12 VOLT

Battery Type	Capacity AH (10Hr-R)	Dimensions - Inches (± 1/16 in)			Dimensions - Millimeters (± 2 mm)			Assembly Figure (As Per Cover Pictorial)	Approx. Weight w/out Acid (lbs.)	Terminal Type (Refer to page 9)	Acid Volume (cc.)	Regular Charge Current (Amps)
		L	W	H	L	W	H					
YB2SL-E	2.5	3 3/16	2 1/4	4 1/8	80	70	106		1.7	-	8.1	0.3
YB2SL-E-1	2.5	3 3/16	2 1/4	4 1/8	80	70	106		1.7	-	8.1	0.3
YB3L-A	3	3 7/8	2 1/4	4 3/8	98	58	111		2.5	1	8.1	0.3
YB3L-B	3	3 7/8	2 1/4	4 3/8	98	58	111		2.5	1	8.1	0.3
YB4L-A	4	4 3/4	2 1/4	3 5/8	120	70	92		2.8	5	18.1	0.4
YB4L-B	4	4 3/4	2 1/4	3 5/8	120	70	92		2.8	5	18.1	0.4
YB5L-B	5	4 3/4	2 1/8	5 1/8	120	60	130		3.5	1	12.2	0.5
YB6L-B	6	5 1/2	2 7/8	3 17/16	138	72.5	100		3.5	1	12.2	0.5
YB7-A	8	5 5/16	3	5 1/4	136	75	130		5.1	1	28.3	0.8
YB7-B	7	6	2 1/8	5 1/8	150	60	130		4.0	1	18.9	0.7
YB7C-A	8	5 1/8	3 9/16	4 1/2	138	90	114		5.1	1	28.3	0.8
YB7L-B	8	5 5/16	3	5 1/4	136	75	130		5.1	1	28.3	0.8
YB9A-A	9	5 5/16	3	6 1/8	136	75	155		5.3	1	28.3	0.9
YB9L-A2	9	5 5/16	3	5 1/2	136	75	138		5.3	2	28.3	0.9
YB9-B	9	5 5/16	3	5 1/2	136	75	138		5.3	1	28.3	0.9
YB9L-B	9	5 5/16	3	5 1/2	136	75	138		5.3	1	28.3	0.9
YB10A-A2	11	5 5/16	3 9/16	6 1/8	136	90	155		7.0	1	27.0	1.1
YB10L-A2	11	5 5/16	3 9/16	5 3/4	136	90	146		7.0	1	27.0	1.1
YB10L-B	11	5 5/16	3 9/16	5 3/4	136	90	146		7.0	1	27.0	1.1
YB10L-B2	11	5 5/16	3 9/16	5 3/4	136	90	146		7.0	1	27.0	1.1
YB12A-A	12	5 5/16	3 3/8	6 5/16	134	80	168		6.8	1	27.0	1.2
YB12A-A ***	12	5 5/16	3 3/8	6 5/16	134	80	168		6.8	1	27.0	1.2
YB12A-A *** **	12	5 5/16	3 3/8	6 5/16	134	80	168		6.8	1	27.0	1.2
YB12AL-A *** **	12	5 5/16	3 3/8	6 5/16	134	80	168		6.8	1	25.4	1.2
YB12AL-A	12	5 5/16	3 3/8	6 5/16	134	80	168		6.8	1	25.4	1.2
YB12AL-A2*	12	5 5/16	3 3/8	6 5/16	134	80	168		6.8	1	25.4	1.2
YB12A-B	12	5 5/16	3 3/8	6 5/16	134	80	168		6.8	1	25.4	1.2
YB12B-B2	12	6 5/16	3 9/16	5 1/8	160	90	138		7.1	1	27.0	1.2
YB12C-A	12	5 5/16	3 9/16	6 7/8	134	80	175		7.1	4	27.0	1.2
YB14-A2	14	5 5/16	3 1/2	6 9/16	134	89	168		7.6	1	38.4	1.4
YB14A-A	14	5 5/16	3 1/2	6 15/16	134	89	178		7.9	1	38.4	1.4

* Includes terminal adapter for converting to top mount.

** When ordering this battery, specify terminal adapter.

*** When ordering this battery, specify sensor.

* Discontinued, use YB12AL-A2.

BATTERY SPECIFICATIONS

Good

BATTERY SPECIFICATIONS

High Performance, Conventional (YuMicron)

12 VOLT

Battery Type	Capacity Ah (NNA-0)	Dimensions – Inches (± 1/16 in.)			Dimensions – M.Millimeters (± 2 mm)			Assembly Figure (See Per Corner Polarity)	Approx. Weight without Acid (lbs.)	Terminal Type (Refer to page 6)	Acid Volume (cc.)	Regular Charge Current (Amps)
		L	W	H	L	W	H					
YB44-A2	14	5 5/16	3 1/2	6 15/16	134	89	176		7.8	8	30.4	1.4
YB44-A1	14	5 5/16	3 1/2	6 1/4	134	89	166		7.8	1	30.4	1.4
YB44-A2	14	5 5/16	3 1/2	6 1/4	134	89	166		7.8	8	30.4	1.4
YB44-A2***	14	5 5/16	3 1/2	6 1/4	134	89	166		7.8	8	30.4	1.4
YB44-B2	14	5 5/16	3 1/2	6 1/4	134	89	166		7.8	8	30.4	1.4
YB44-B2	14	5 5/16	3 1/2	6 1/4	134	89	166		7.8	8	30.4	1.4
SYB14L-A2+	14	5 5/16	3 1/2	6 1/4	134	89	166		7.8	8	30.4	1.4
SYB14L-B2***	14	5 5/16	3 1/2	6 1/4	134	89	166		7.8	8	30.4	1.4
YB64L-A2	18	8 1/8	2 13/16	6 7/16	207	71.5	164		8.8	2	37.2	1.8
HYB64-A8	18	8	3 5/8	7 1/4	151	91	180		8.5	7	30.4	1.8
YB6-B	18	6 7/8	4	6 1/8	175	100	155		10.5	6	40.8	1.8
YB6-B-CX	18	6 7/8	4	6 1/8	175	100	155		10.5	6	40.8	1.8
YB64L-A-CX	18	6 7/8	4	6 1/8	175	100	155		10.5	6	40.8	1.8
YB6L-B	18	6 7/8	4	6 1/8	175	100	155		10.5	6	40.8	1.8
YB6B-A	18	6 5/16	3 9/16	6 3/8	160	90	161		8.4	4	33.8	1.8
YB6B-A1*	18	6 5/16	3 9/16	6 3/8	160	90	161		8.4	7	33.8	1.8
YB6C-B	18	6 7/8	4	6 7/8	175	100	175		10.1	5	40.8	1.8
YB6CL-B	18	6 7/8	4	6 7/8	175	100	175		10.1	5	40.8	1.8
SYB16L-B***	18	6 15/16	4	6 1/8	175	100	155		8.2	6	43.9	1.8
YB8-A	18	7 1/8	3 9/16	6 3/8	180	90	182		8.4	7	40.8	1.8
YB8L-A	18	7 1/8	3 9/16	6 3/8	180	90	182		8.4	7	40.8	1.8
Y50-M18A-A	28	8 1/8	3 9/16	6 15/16	205	90	176		11.2	7	50.7	2.8
Y50-M18L-A	28	8 1/8	3 9/16	6 3/8	205	90	182		11.2	7	44.0	2.8
Y50-M18L-A-CX	28	8 1/8	3 9/16	6 3/8	205	90	182		11.2	7	44.0	2.8
Y50-M18L-A3	28	8 1/8	3 9/16	6 3/8	205	90	182					

⁸¹ Discussed in *see* *infra* note 82.

Discontinued, use YF1 BL-4

Discontinued, use 53030.

Discontinued.

* This battery includes a sensor.
* Includes terminal adaptor for connecting to side mount.
*** D/N Stocked @ 20 hr rate.

DN Standard @ 20 hr rate.

DOI: 10.1002/for

BATTERY SPECIFICATIONS

Good

BATTERY SPECIFICATIONS

Conventional								6 VOLT				
Battery Type	Capacity AH (10Hr)	Dimensions - Inches (± 1/16 in)			Dimensions - Millimeters (± 2 mm)			Assembly Figure (See Per Cover Pictorial)	Approx. Weight w/out Acid (lb.)	Terminal Type (Refer to page 9)	Acid Volume (in.)	Regular Charge Current (amp)
		L	W	H	L	W	H					
GN2-2A	2	2 3/4	1 7/8	3 3/4	70	47	96		1.0	-	3.4	0.2
GN2-2A-1**	2	2 3/4	1 7/8	3 3/4	70	47	96		1.0	-	3.4	0.2
GN2-2A-3	2	2 3/4	1 7/8	3 3/4	70	47	96		1.0	-	3.4	0.2
GN2-2A-4	2	2 3/4	1 7/8	3 3/4	70	47	96		1.0	-	3.4	0.2
GN2-2A-8	2	2 3/4	1 7/8	3 3/4	70	47	96		1.0	-	3.4	0.2
GN2A-2C	2	2 3/4	1 7/8	4 3/16	70	47	106		1.0	-	3.4	0.2
GN2A-2C-1**	2	2 3/4	1 7/8	4 3/16	70	47	106		1.0	-	3.4	0.2
GN2A-2C-3	2	2 3/4	1 7/8	4 3/16	70	47	106		1.0	-	3.4	0.2
GN4-2A	4	2 13/16	2 13/16	3 3/4	71	71	96		1.3	-	6.8	0.4
GN4-2A-4	4	2 13/16	2 13/16	3 3/4	71	71	96		1.3	-	6.8	0.4
GN4-2A-5	4	2 13/16	2 13/16	3 3/4	71	71	96		1.3	-	6.8	0.4
GN4-2A-8	4	2 13/16	2 13/16	3 3/4	71	71	96		1.3	-	6.8	0.4
GN4-2A-11	4	2 13/16	2 13/16	3 3/4	71	71	96		1.3	-	6.8	0.4
GN4A-4D	4	2 3/8	2 1/4	5 1/8	61	57	131		1.7	-	6.8	0.4
GN4B-2A	4	4	1 7/8	3 3/4	102	48	96		1.7	-	6.8	0.4
GN4B-2A-3	4	4	1 7/8	3 3/4	102	48	96		1.7	-	6.8	0.4
GN4B-2A-5	4	4	1 7/8	3 3/4	102	48	96		1.7	-	6.8	0.4
GN4C-1B**	4	2 13/16	2 13/16	4 1/8	71	71	106		1.4	-	6.8	0.4
GN5.5-1D	5.5	3 9/16	2 3/4	3 15/16	90	70	106		1.8	-	11.1	0.6
GN6-3B	6	3 7/8	2 1/4	4 3/8	99	57	111		2.0	6	11.1	0.6
GN6-3B-1	6	3 7/8	2 1/4	4 3/8	99	57	111		2.0	6	11.1	0.6
GN6-4D-2	6	3 7/8	2 1/4	4 3/8	99	57	111		2.0	-	11.1	0.6
GN11-2D	11	5 7/8	2 3/4	3 15/16	158	70	106		3.5	6	12.5	1.1
GN11A-1B	11	4 13/16	2 7/8	5 1/8	122	62	131		3.5	6	12.5	1.1
HS4-B	12	6 1/8	2 1/4	4 9/16	158	57	118		3.8	6	11.9	1.2
GN12A-2B	12	6 1/8	2 1/4	4 9/16	158	57	118		3.8	6	12.2	1.2
LS30-6A	13	4 1/16	3 1/4	6 15/16	119	83	161		4.7	6	21.1	1.3
6YBL-8	8	4 3/4	2 3/4	3 3/4	128	70	95		3.0	6	11.5	0.8
6YH1-2D	11	5 7/8	2 3/4	3 15/16	158	70	106		4.4	6	12.5	1.1

** GN2A-2C-1 replaces GN2-6.

** Discontinued.



BATTERY SPECIFICATIONS

Good

Conventional

12 VOLT

Battery Type	Capacity Ah (YAH-1)	Dimensions - Inches (± 1/16 in)			Dimensions - Millimeters (± 2 mm)			Assembly Figure (See Part Cover Relating)	Approx. Weight without Acid (lbs.)	Terminal Type (Refer to page 8)	Acid Volume (oz.)	Regular Charge Current (amp)
		L	W	H	L	W	H					
12N5-3B	5	4.34	2.38	5.18	120	60	130		3.1	6	13.5	0.5
12N5-4B	5	4.34	2.38	5.18	120	60	130		3.1	6	13.5	0.5
12N5.5-3B	5.5	5.546	2.38	5.18	135	60	130		4.3	6	13.5	0.8
12N5.5-4A	5.5	5.546	2.38	5.18	135	60	130		4.3	2	13.5	0.8
12N5.5A-3B	5.5	4.146	3.911	4.12	103	90	114		4.3	6	16.9	0.8
12N7-3B	7	5.546	3	5.14	135	75	133		4.8	6	16.9	0.7
12N7-4A	7	5.546	3	5.14	135	75	133		4.8	6	16.9	0.7
12N7-4B	7	5.546	3	5.14	135	75	133		4.8	6	16.9	0.7
12N7D-3B	7	5.546	3	5.1541	135	75	160		4.8	6	20.3	0.7
12N9-3A	9	5.546	3	5.12	135	75	129		5.4	9	20.3	0.8
12N9-3A-1 ⁰⁰	9	5.546	3	5.12	135	75	129		5.4	6	20.3	0.8
12N9-3B	9	5.546	3	5.12	135	75	129		5.4	6	20.3	0.8
12N9-4B-1	9	5.546	3	5.12	135	75	129		5.4	6	20.3	0.8
12N10-3A-2 ⁰⁰	10	5.546	3.911	5.34	135	90	145		5.8	8	27.0	1.0
12N12A-4A-1	12	5.546	3.311	6.546	134	80	180		6.8	6	23.7	1.2
12N14-3A	14	5.546	3.12	6.846	134	89	186		7.5	8	27.0	1.4
12N24-3A	24	7.14	4.78	6.78	184	124	175		12.1	3	40.6	2.4
12N24-3	24	7.14	4.78	6.78	184	124	175		12.1	3	40.6	2.4
Y60-12H	28	8.18	5.14	6.12	208	130	185		13.3	9	67.6	2.8

- Discontinued, use Y68L-A2.
- Discontinued, use Y610L-A2.

BATTERY CROSS REFERENCE CHART

GYZ Series	AGM Factory Activated	AGM High Performance	AGM	YuMicron CX	Conventional
-	-	-	-	6YB11-2D	6N11-2D
-	YTZ5S	YTX4L-BS	YT4L-BS (Discontinued)	YB4L-A, YB4L-B	-
-	YTZ7S	YTX5L-BS	YT5L-BS (Discontinued)	-	12N5-3B
-	-	-	-	YB5L-B	12N7-3B
-	-	-	-	YB7L-B	12N7-4A
-	-	-	-	YB7-A	12N9-4B-1
-	-	-	-	YB9-B	12N9-3B
-	-	-	-	YB9L-B	12N10-3A-2
-	-	-	-	YB10L-A2	12N12A-4A-1
-	-	-	-	YB12A-A	-
GYZ16H	YTX14H	YTX14H-BS	YTX14-BS	-	-
-	YTX14AH	YTX14AH-BS	-	YB14-A2, YB14-B2	-
-	YTX14AH ^{3,4}	YTX14AH-BS ^{3,4}	-	YB14A-A1, YB14A-A2	-
-	YTX14AHL	YTX14AHL-BS	-	YB14L-A2	12N14-3A
-	YTX14AHL	YTX14AHL-BS	-	YB14L-B2	-
GYZ16HL	YTX14L	YTX14L-BS	-	-	-
-	-	-	YT19BL-BS	51913, 51814	-
-	YTX20CH	YTX20CH-BS	YTX16-BS	-	-
GYZ20H ⁸	YTX20H ⁸ , YTX20 ²	YTX20H-BS ²	YTX20-BS ²	YB16-B, YB16-B-CX	-
GYZ20H	YTX20H, YTX20 ²	YTX20H-BS ²	YTX20-BS ²	YB18-A	-
-	YTX20HL-PW ⁶	YTX20HL-BS-PW ⁶	-	YB16CL-B	-
GYZ20HL ⁴ , GYZ20L	YTX20HL, YTX20L ⁷	YTX20HL-BS ⁷	YTX20L-BS ⁷	YB16HL-A-CX	-
GYZ20HL, GYZ20L	YTX20HL, YTX20L ²	YTX20HL-BS ²	YTX20L-BS ²	YB16L-B	-
GYZ20HL ⁴ , GYZ20L	YTX20HL, YTX20L ²	YTX20HL-BS ²	YTX20L-BS ²	YB18L-A	-
GYZ20HL ⁴ , GYZ20L	YTX20HL, YTX20L	YTX20HL-BS ²	YTX20L-BS	-	-
-	YTX24HL ³	YTX24HL-BS ³	-	Y50-N18L-A, 450-N18L-A-CX	-
-	YTX24HL	YTX24HL-BS	-	Y50-N18-A3	-
-	YTX24HL ^{3,1}	YTX24HL-BS ^{3,1}	-	SY50-N18-AT	-
GYZ32HL	YX30L	YX30L-BS	-	YB30L-B	-
-	YX30L-PW ⁵	YX30L-BS-PW ⁵	-	YB30CLB	-
-	YX30L	YX30L-BS	-	53030	Y60-N24AL-B (Discontinued)

- Eliminates need for sensor (needs to be disabled).
- 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.
- Includes 10mm height spacer.

- Includes 17mm height spacer.
- Includes 20mm height spacer for use in replacing YB16CL-B.
- Requires use of Yuasa Cover/Spacer Kit, see part no. 478651.
- For Harley-Davidson Models only.

BATTERIES

TERMINAL TYPES

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	Illustration	Front	Side	Top					
1					YB7-A YB14L-A1	YTX14-BS-1			
2					YB9L-A2 12N6.5-4A YB16AL-A2				
3					YB8-H24L-B 12N24-1	YB2-H24-A 12N24-3A			
4					6Y23L YB3L-B YTX15L-BS YTX20L-BS	YB2-H14L-A3 YB3L-BS YTX14-BS YTX24L-BS	YB12-A YB3L-BS-PW YTX20-BS YTX24L-BS	YB16B-A YTX144L-B YTX20H-BS	YB30L-B YTX144H-BS YTX20H-BS-PW
5					6Y216H 6Y216HL YB4L-B YTX14L-BS	YTX1L-BS 12N14-BS YTX12A-BS YTX20H-BS	YTX3-BS YB16L-B YTX12-BS YTX4L-BS	YTX55 YTX75 YB16CL-B YTX14-BS	YTX3L-BS YB4L-A YTX14H-BS YTX24-BS
6					YB3L-A YB7L-B YB12A-A YB16-B 12N6-3B 12N7-4A 12N8-4B-1 6N6-3B 6N6-3B-1 6N4-B	YB3L-B YB9A-A YB12AL-A YB16-B-CX 12N6-4B 12N7-4A 12N10-3A 12N10-3B-1 6N11A-1B 6N11A-1B	YB5L-B YB9-B YB12AL-A2* YB16L-B 12N6.5-3B 12N7D-3B 12N11P-3A-1 6N11A-1B	YB7-A YB9L-B YB12A-B YB16AL-A-CX 12N6.5A-3B 12N8-3A-1 12N12A-4A-1 6N11-2B	YB7B-B YB10L-B YB14A-A1 SYB10L-B 12N7-3B 6N12A-2B 6N3-B
7					YB16A-AH YB111A-A	YB16B-AH** YB2-H14L-A	YB18-A YB2-H14L-A-CX	YB14L-A SYB2-H14L-AT	
8					YB10A-A2 YB14-A2 YB14L-B2 12N14-3A	YB10L-A2 YB14A-A2 YB14L-B2	YB10L-B2 YB14L-A2 12N11P-3A-2	YB12B-B2 SYB14L-A2 12N11-3A-1	
9					YB12H 12N8-3A				
10					51814	51913	53000	YTX16L-BS	
11					YTX3-BS YTX5-BS	YTX10S	YTX12S YTX12B-BS	YTX14S	YTX14B-BS
					Notes: Terminal is Brass Plated Steel				
12					YTXA-BS				
13					YTXB-BS				
14					6Y23H 6Y23HL	6Y23L			
					Notes: Encapsulated Brass Nut				

** Includes terminal adapter for converting to side mount.
* Includes terminal adapter for converting to top mount.