



Features

- Patented Quad Terminal Design - Reduce carrying costs
- 12V VRLA Hi Capacity Starting Battery
- Absorbed Glass Mat (AGM) technology
- Brass Terminals - superior conductivity
- US IATA certified non-spillable
- Highest AH Capacity in the Industry
- Factory Activated-Ready to Install

Performance Specifications

Nominal Voltage ----- 12 volts (6 cells)

Nominal Capacity

20-hr.	(0.19A to 10.50 volts)	-----	4.0AH
10-hr.	(0.38A to 10.50 volts)	-----	3.8AH
5-hr.	(7.6A to 10.20 volts)	-----	3.23 AH
1C.	(3.8A to 9.6 volts)	-----	3.8 Min (2.40AH)
8C.	(30.4A to 6.00 volts)	-----	3Min (1.52AH)

Approximate Weight ----- 2.95 lbs. (1.34kg)

Energy Density (20-hr. rate) ----- 1.31W-h/in³ (79.5 W-h/l)

Specific Energy (20-hr. rate) ----- 16.27W-h/lb (35.8 W-h/kg)

Internal Resistance (approx) ----- 20 milliohms

CCA (-0.4°F/-18°C, 7.2V, 30S)----- 50 amperes

CA (68°F/20°C, 7.2V, 30S)----- 90 amperes

Shelf Life (% of nominal capacity at 68°F (20°C))----- SOC% OCV

1 Months	-----	97%	12.78V
3 Months	-----	91%	12.7V
6 Months	-----	83%	12.5V

Operating Temperature Range

Charge	-----	-4°F(-20°C) to 122°F(50°C)
Discharge	-----	-40°F(-40°C) to 140°F(60°C)

Case ----- ABS

Carton Contents ----- 1-MotoBatt MB3U Battery,
2 stainless steel terminal screws, 3mm Allen Wrench, Install /
user manual.



RETAIL CARTON

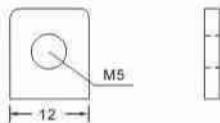


SCREW



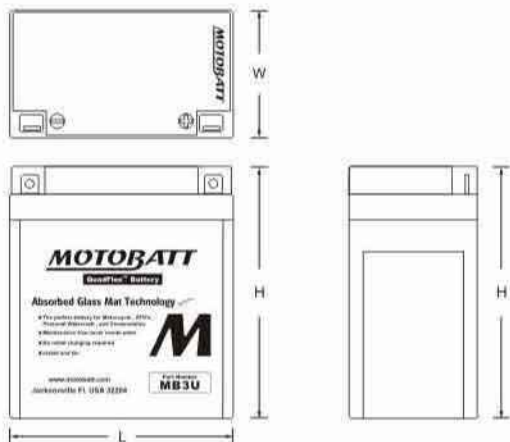
WRENCH

Brass Terminals (mm)



Terminal Screws: Stainless, M5 Thread
Fastener: 3mm Allen Hex

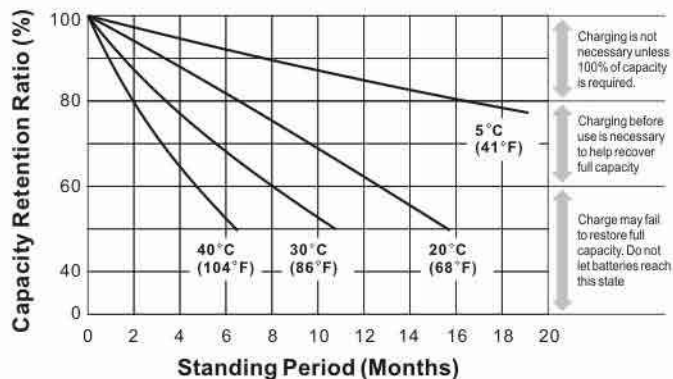
Physical Dimensions: (in./mm)



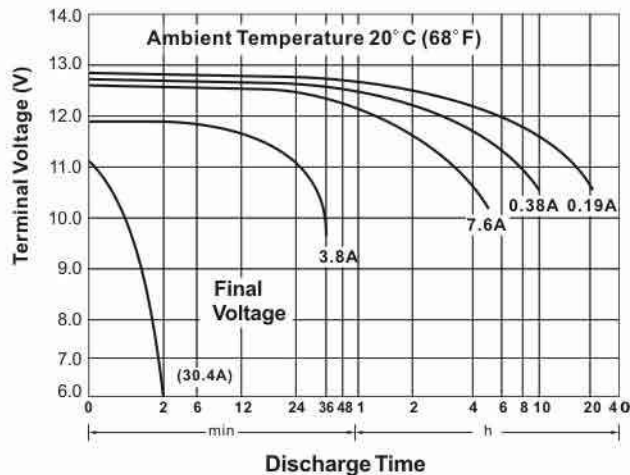
L:3.86(98) W:2.20(56) H:4.33(110)

Tolerances are +/0.04in.(+/-1mm) and +/0.08in.(+/-2mm) for height dimensions.

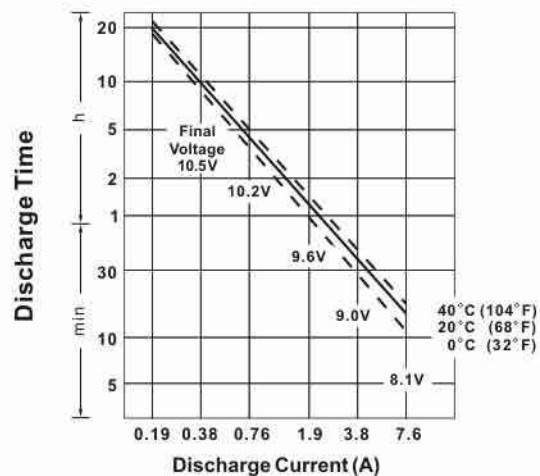
Shelf life & Storage



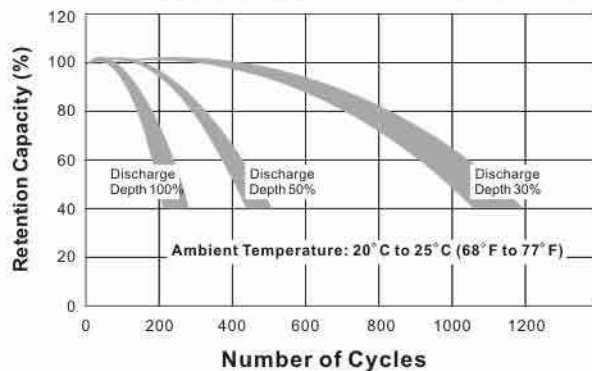
Discharge Characteristics



Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Charging

Cycle Applications: limit initial current to 1.14A. Charge until battery voltage (under charge) reaches 14.8 to 15.0 volts at 68°F(20°C). Hold at 14.8 to 15.0 volts until current drops to under 76mA. Battery is fully charged under these conditions, and charger should be disconnected or switched to "float" voltage.

Note: Due to the self-discharge characteristics of this type of battery, it is imperative that they be charged within 6 months of storage, otherwise permanent loss of capacity might occur as a result of sulfation.

Can be used to replace

YB3L-A	YB3L-B		