



Features

- 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. (0.55A to 10.50 volts)	-----	11.3 AH
10-hr. (1.1A to 10.50 volts)	-----	11.0 AH
5-hr. (2.2A to 10.20 volts)	-----	9.35 AH
1C. (11A to 9.6 volts)	-----	42Min (7.7AH)
8C. (88A to 6.00 volts)	-----	3 Min (4.4AH)

Approximate Weight ----- 7.76 lbs. (3.52kg)

Energy Density (20-hr. rate) ----- 16.3W-h/in³ (99.3 W-h/l)

Specific Energy (20-hr. rate) ----- 17.5W-h/lb (38.5 W-h/kg)

Internal Resistance (approx) ----- 26 milliohms

CCA (-0.4°F/-18°C, 7.2V, 30S)----- 150 amperes

CA (68°F/20°C, 7.2V, 30S)----- 220 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

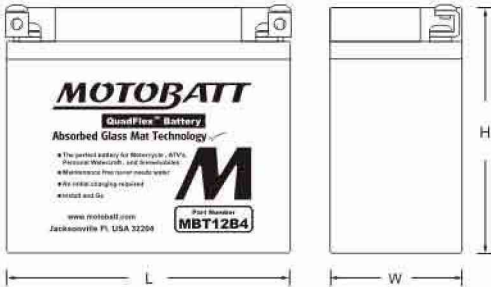
Charge ----- -4°F (-20°C) to 122°F (50°C)

Discharge ----- -40°F (-40°C) to 140°F (60°C)

Case ----- ABS

Carton Contents ----- 1-MotoBatt MBT12B4 Battery,
2 screws, Install / user manual.

Physical Dimensions: (in./mm)



L: 5.90(150) W: 2.75(70) H: 5.12(130)

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

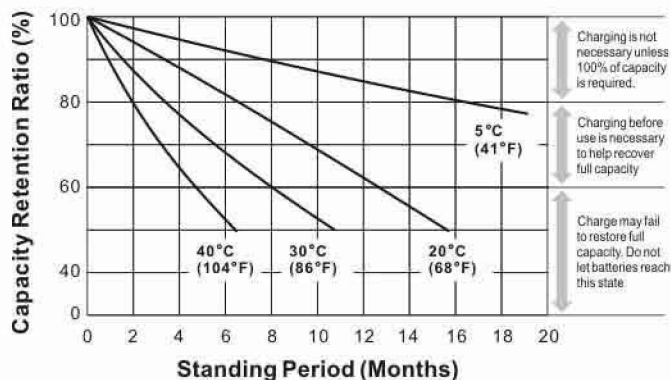


RETAIL CARTON

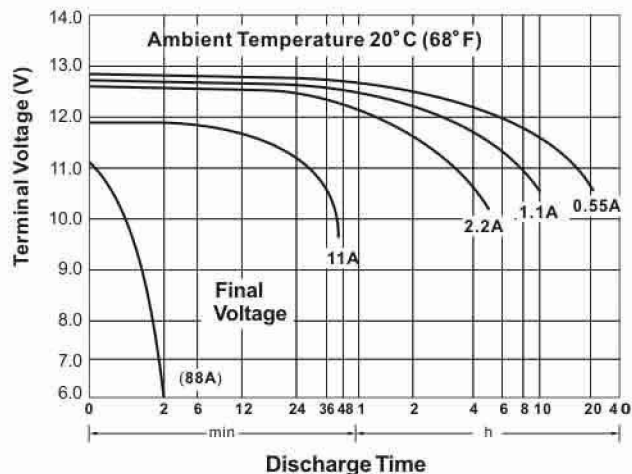


SCREW

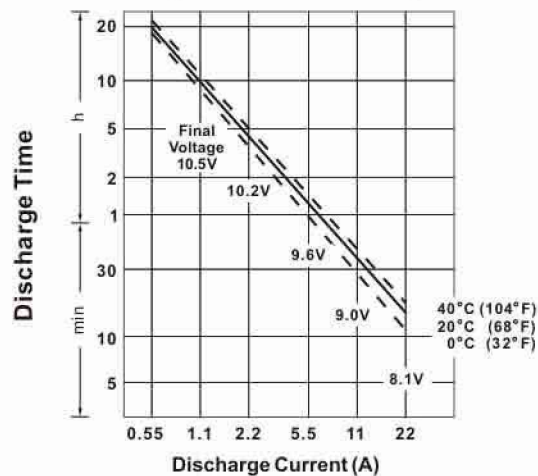
Shelf life & Storage



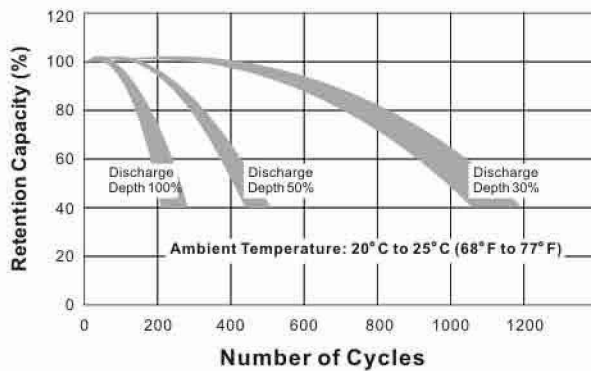
Discharge Characteristics



Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Charging

Cycle Applications: limit initial current to 3.3A. 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 220mA. 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

YT12BBS	YT12B4		