



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 ----- 6 volts (3 cells)

Nominal Capacity

20-hr. (1.2A to 5.25 volts)	-----	6.3AH
10-hr. (0.6A to 5.25 volts)	-----	6.0 AH
5-hr. (12.0A to 5.10 volts)	-----	5.1 AH
1C. (6.0A to 4.8 volts)	-----	3.8 Min (4.0AH)

Approximate Weight ----- 2.32 lbs. (1.05kg)

Energy Density (20-hr. rate) ----- 1.25W-h/in³ (20.6 W-h/l)

Specific Energy (20-hr. rate) ----- 32.6W-h/lb (72.0 W-h/kg)

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

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

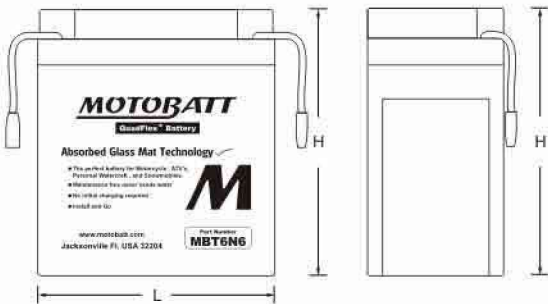
Charge ----- -4°F (-20°C) to 122°F (50°C)

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

Case ----- ABS

Carton Contents ----- 1-MotoBatt MBT6N6 Battery

Physical Dimensions: (in./mm)



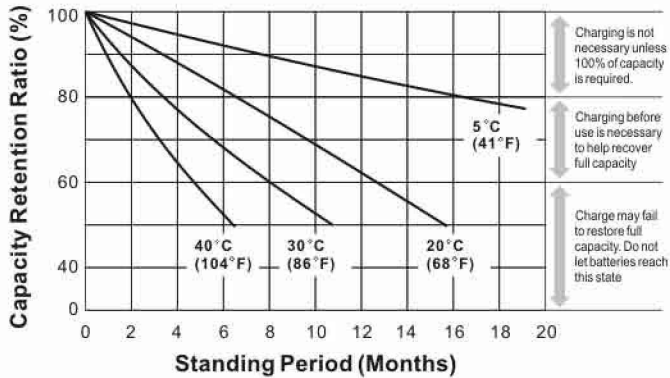
L:3.82(97) W:2.20(56) H:4.37(111)

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

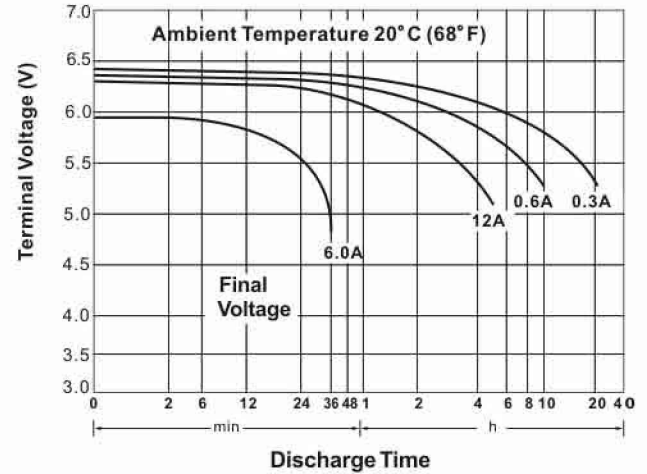


RETAIL CARTON

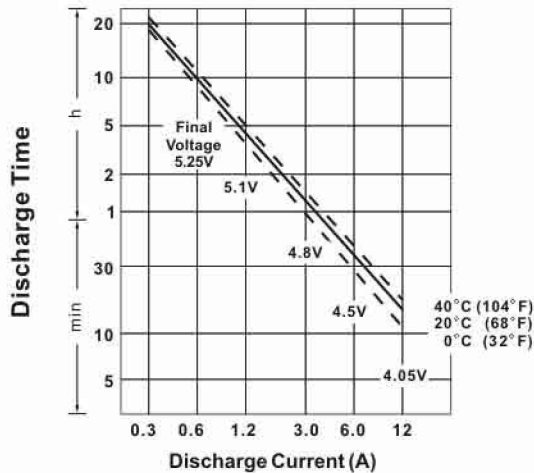
Shelf life & Storage



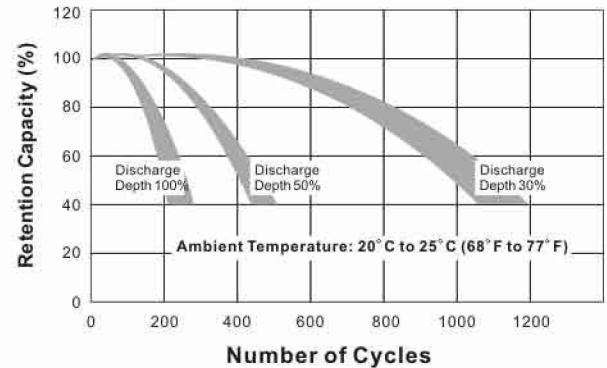
Discharge Characteristics



Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Charging

Cycle Applications: limit initial current to 1.8A. Charge until battery voltage (under charge) reaches 7.4 to 7.5 volts at 68°F(20°C). Hold at 7.4 to 7.5 volts until current drops to under 120mA. 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

6N61B	6N63B	6N63B1	6N61D
6N61D2			