



## 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. (0.325A to 10.50 volts)	-----	6.7 AH
10-hr. (0.65A to 10.50 volts)	-----	6.5 AH
5-hr. (1.3A to 10.20 volts)	-----	5.5 AH
1C. (6.5A to 9.6 volts)	-----	41Min (4.44AH)
8C. (52A to 6.00 volts)	-----	3Min (2.6AH)

**Approximate Weight** ----- 4.96 lbs. (2.25kg)

**Energy Density** (20-hr. rate) ----- 1.44W-h/in<sup>3</sup> (87.7 W-h/l)

**Specific Energy** (20-hr. rate) ----- 16.2W-h/lb (35.7 W-h/kg)

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

**CCA** (-0.4°F/-18°C, 7.2V, 30S) ----- 100 amperes

**CA** (68°F/20°C, 7.2V, 30S) ----- 180 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

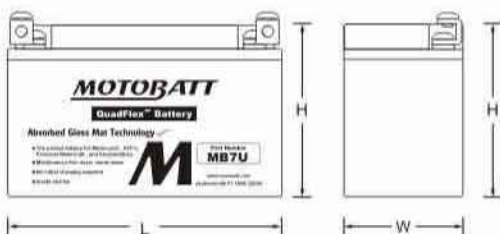
Charge ----- -4°F (-20°C) to 122°F (50°C)

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

**Case** ----- ABS

**Carton Contents** ----- 1-MotoBatt MB7U Battery,  
2 screws, Install / user manual.

## Physical Dimensions: (in./mm)



**L: 5.90(150) W: 2.56(65) H: 3.70(94)**

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

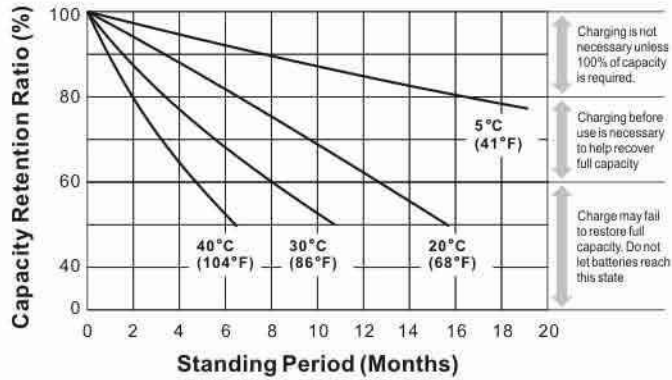


RETAIL CARTON

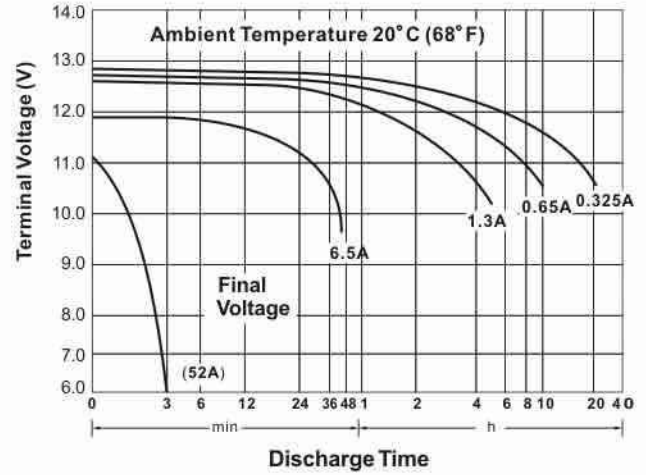


SCREW

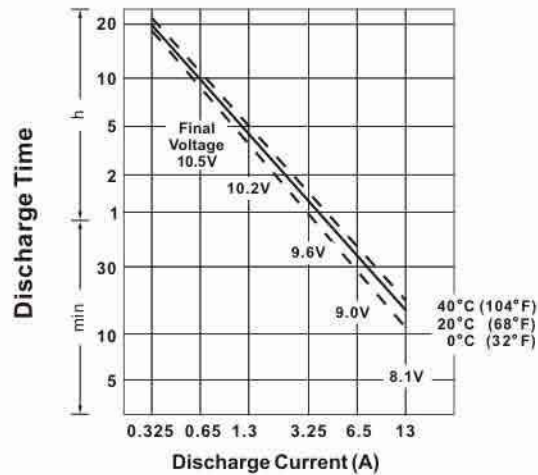
## Shelf life & Storage



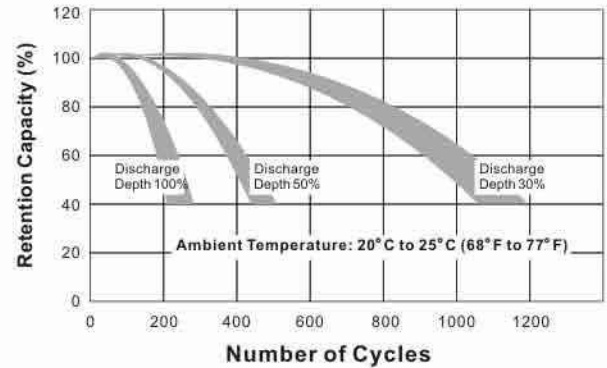
## Discharge Characteristics



## Discharge Time vs. Discharge Current



## Life Characteristics in Cyclic Use



## Charging

**Cycle Applications:** limit initial current to 1.95A. 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 130mA. 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

YT7BBS	YT7B4		