



## 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.	(0.235A to 10.50 volts)	-----	4.8 AH
10-hr.	(0.47A to 10.50 volts)	-----	4.7 AH
5-hr.	(0.94A to 10.20 volts)	-----	4.0 AH
1C.	(4.7A to 9.6 volts)	-----	46Min (3.6AH)
8C.	(37.6A to 6.00 volts)	-----	3Min (1.88AH)

**Approximate Weight** ----- 3.46 lbs. (1.57kg)

**Energy Density** (20-hr. rate) ----- 1.36W-h/in<sup>3</sup> (83.0 W-h/l)

**Specific Energy** (20-hr. rate) ----- 16.6W-h/lb (36.7 W-h/kg)

**Internal Resistance** (approx) ----- 22 milliohms

**CCA** (-0.4°F/-18°C, 7.2V, 30S) ----- 70 amperes

**CA** (68°F/20°C, 7.2V, 30S) ----- 120 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 MBTX4U Battery,  
2 screws, Install / user manual.

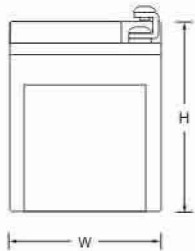
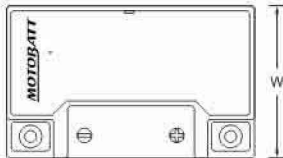


RETAIL CARTON



SCREW

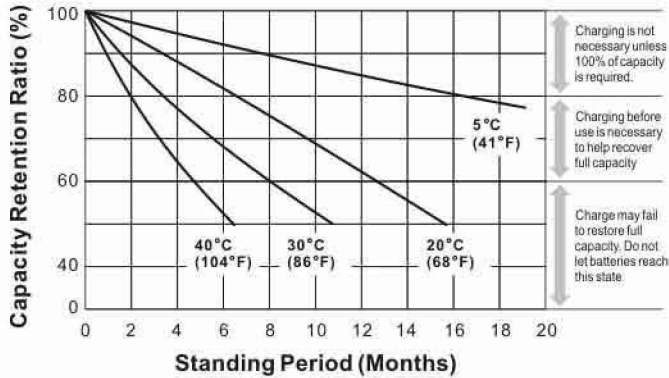
## Physical Dimensions: (in./mm)



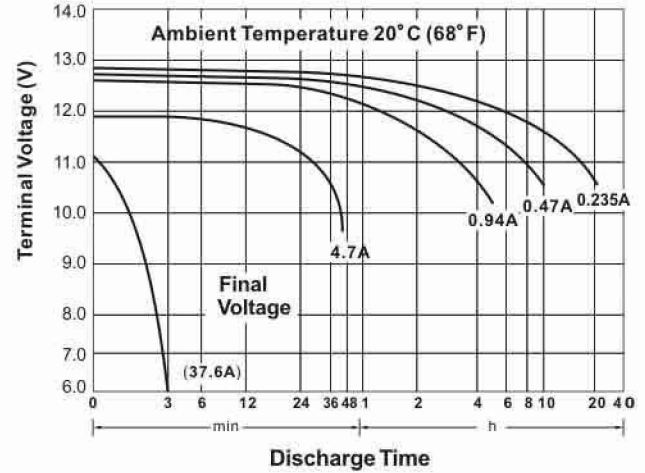
**L:4.49(114) W:2.75(70) H:3.42(87)**

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

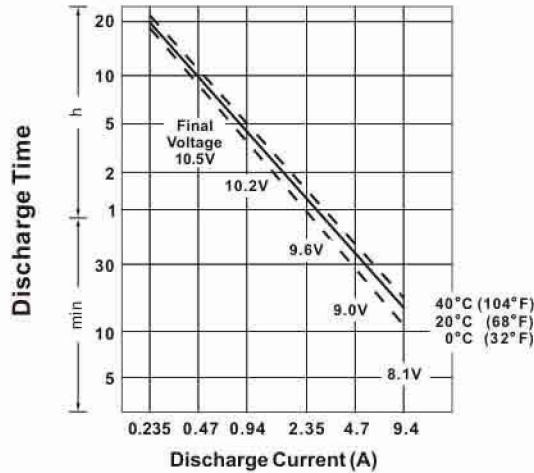
## Shelf life & Storage



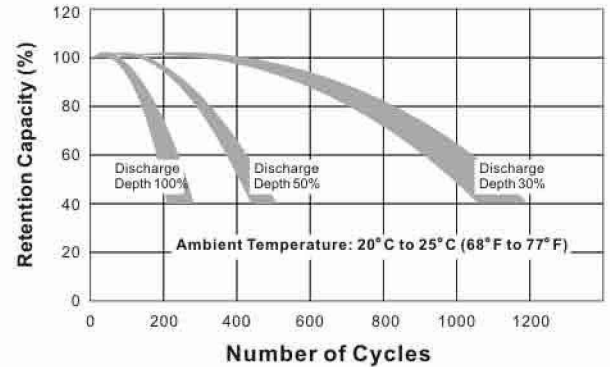
## Discharge Characteristics



## Discharge Time vs. Discharge Current



## Life Characteristics in Cyclic Use



## Charging

**Cycle Applications:** limit initial current to 1.41A. 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 100mA. 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

YT4LBS	YT4LBS	YB4LA	YB4LB
YTZ5S			