



## 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. (0.825A to 10.50 volts)	-----	17.3AH
10-hr. (1.65A to 10.50 volts)	-----	16.5 AH
5-hr. (3.3A to 10.20 volts)	-----	14.0 AH
1C. (16.5A to 9.6 volts)	-----	46Min (12.6AH)
8C. (132A to 6.00 volts)	-----	3Min (6.6AH)

**Approximate Weight** -----11.13 lbs. ( 5.05kg)

**Energy Density (20-hr. rate)** ----- 1.67W-h/in<sup>3</sup>(101.7W-h/l)

**Specific Energy (20-hr. rate)** -----18.05W-h/lb (41.1 W-h/kg)

**Internal Resistance (approx)** ----- 16 milliohms

**CCA (-0.4°F/-18°C,7.2V,30S)**----- 190 amperes

**CA (68°F/20°C,7.2V,30S)**-----270 amperes

**Shelf Life (% of nomomal 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 MBTX14AU Battery,  
Fit spacers (1 bottom),4 stainless steel terminal screws, 2 pairs of  
brass terminals, 4mm Allen Wrench, Install / user manual.

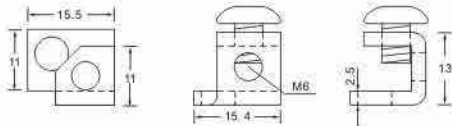


RETAIL CARTON



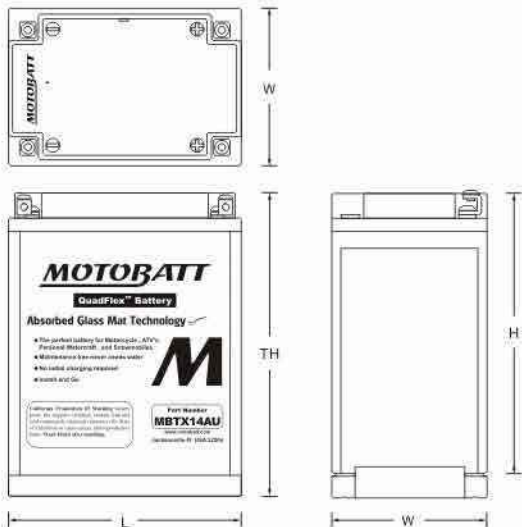
"C" TERMINAL    TERMINAL COVER    SCREW    WRENCH

## Brass Terminals (mm)



Terminal Screws: Stainless, M6 Thread  
Fastener: 4mm Allen Hex

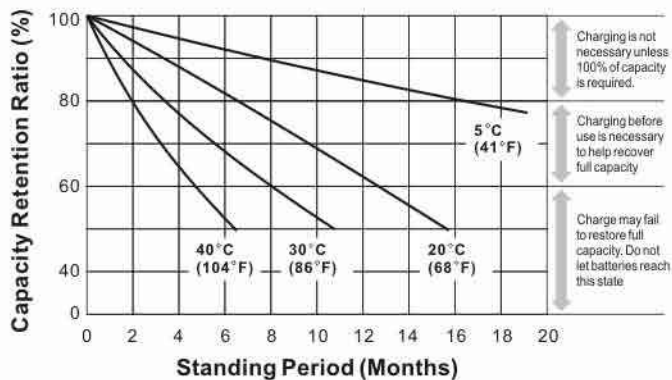
## Physical Dimensions: (in./mm)



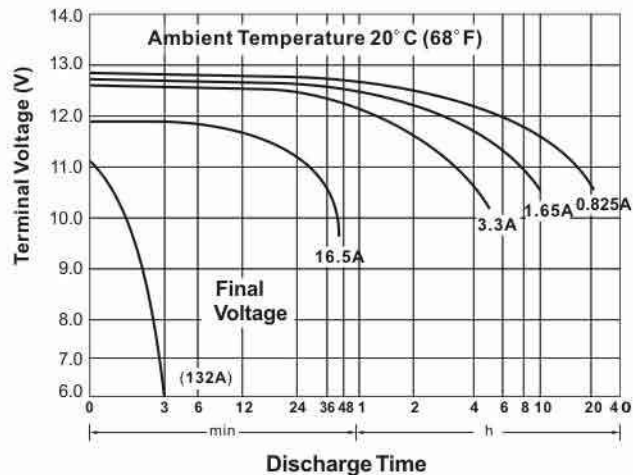
L:5.31(135)    W:3.54(90)    H:6.61(168) /  
TH:.693(176)

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

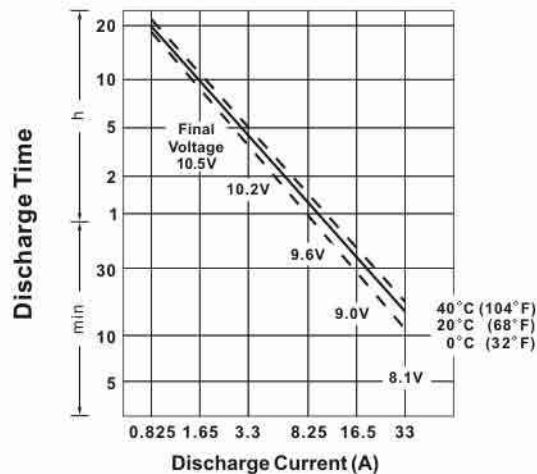
## Shelf life & Storage



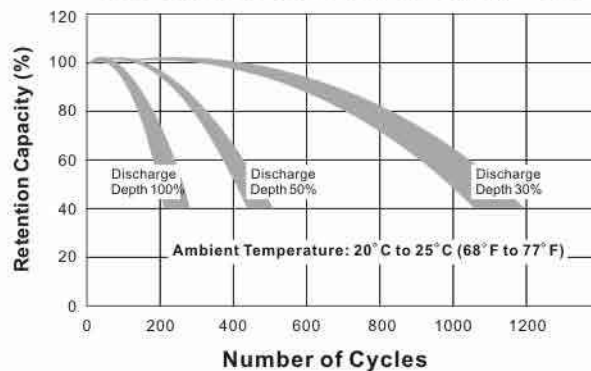
## Discharge Characteristics



## Discharge Time vs. Discharge Current



## Life Characteristics in Cyclic Use



## Charging

**Cycle Applications:** limit initial current to 4.95A. 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 230mA. 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

YTX14AH	YTX14AHBS	YTX14AHLBS	YB14A1
YB14A2	YB14AA	YB14AA1	YB14AA2
YB14B1	YB14B2	YB14LA1	YB14LA2
YB14LB1	YB14LB2	YB14LA2S	SYB14LA2
SYB14LB2	12N143A	12N143B	