

MOTOBATT

QuadFlex™ Battery
WWW.MOTOBATT.COM
MBTX9U



Features

- Patented Quad Terminal Design - Reduce carrying costs
- 12V VRLA Hi Capacity Starting Battery
- Absorbed Glass Mat (AGM) technology
- Brass Terminals - superior conductivity
- US DOT, 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.	(0.525A to 10.50 volts)	11.0AH
10-hr.	(1.05A to 10.50 volts)	10.5 AH
5-hr.	(2.1A to 10.20 volts)	8.90 AH
1C.	(10.5A to 9.6 volts)	46Min (8.04AH)
8C.	(84A to 6.00 volts)	3Min (4.2AH)

Approximate Weight ----- 7.27 lbs. (3.30kg)

Energy Density (20-hr. rate) ----- 1.57W-h/ft³ (95.7W-h/l)

Specific Energy (20-hr. rate) ----- 18.16W-h/lb (40.0 W-h/kg)

Internal Resistance (approx) ----- 18 milliohms

CCA (-0.4°F/-18°C,7.2V,30S)----- 160 amperes

CA (68°F/20°C,7.2V,30S)----- 230 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 MBTX9U 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



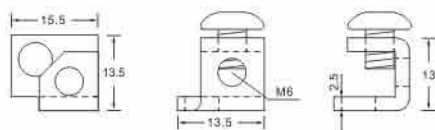
SCREW



WRENCH

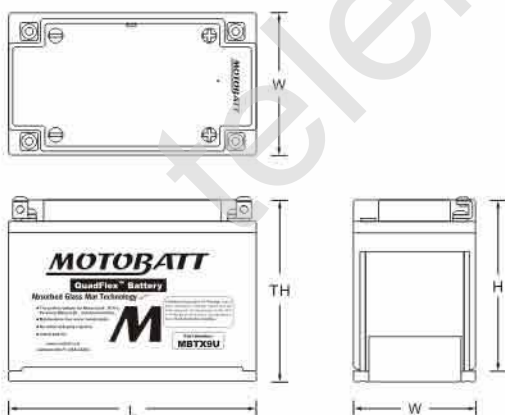
Brass Terminals

(mm)



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

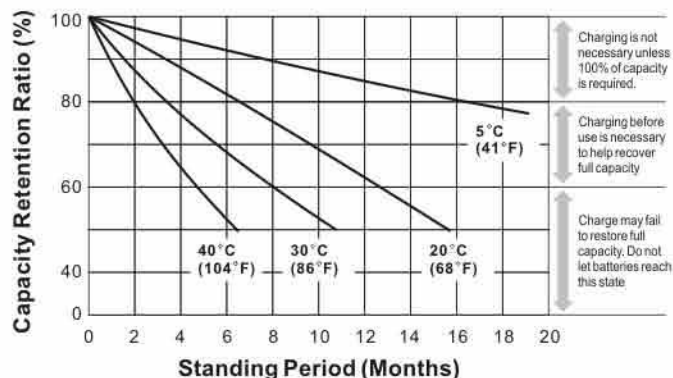
Physical Dimensions: (in./mm)



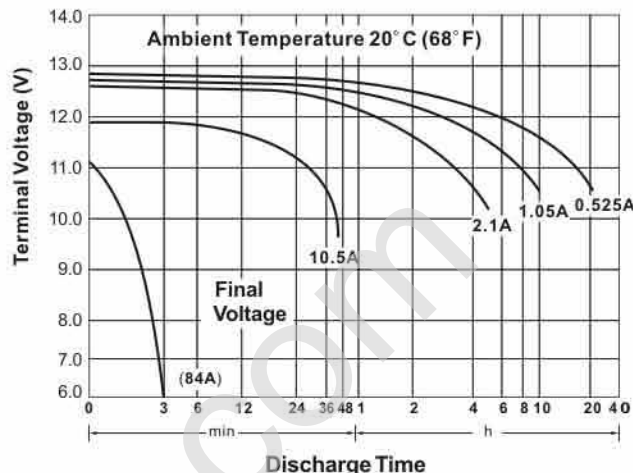
L: 5.94(151) **W:** 3.42(87) **H:** 4.13(105) /
TH: 4.33(110)

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

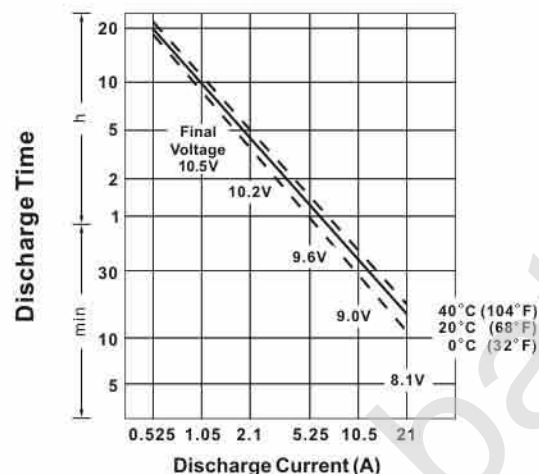
Shelf life & Storage



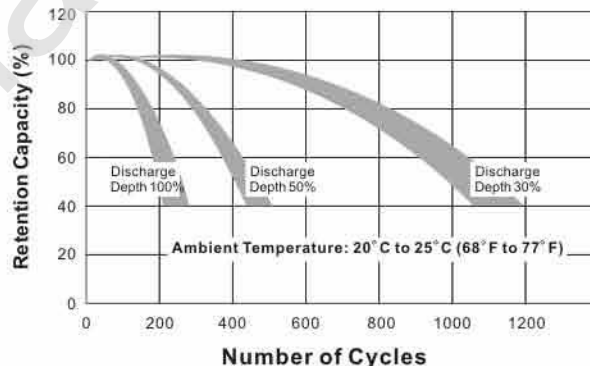
Discharge Characteristics



Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Charging

Cycle Applications: limit initial current to 3.15A. 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 210mA. 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.

Chargers

MotoBatt offers a wide range of chargers suitable for batteries up to 4A. Please refer to the charger selection guide. Please contact our technical department for advice if you have difficulty in locating suitable models or contact us at www.motobatt.com.

Can be used to replace

YTX9BS	YT12ABS	YTZ12S	YTZ14S

Further Information

Please refer to our website www.motobatt.com to locate a distributor in your area.