

MOTOBATT

QuadFlex™ Battery
 WWW.MOTOBATT.COM
 MBTX14AU



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/in³(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 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

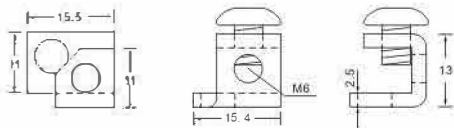
Charge	-----	-4°F(-20°C) to 122°F(50°C)
Discharge	-----	-40°F (-40°C) to 140°F(60°C)

Case ----- ABS

Carton Contents -----1-MotoBatt MBTX14AU Battery,

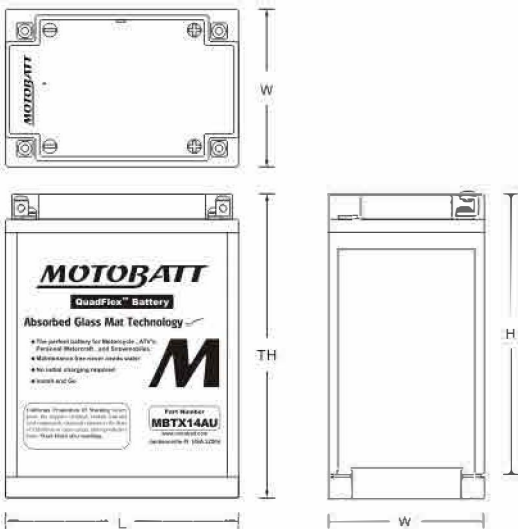
Fit spacers (1 bottom),4 stainless steel terminal screws, 2 pairs of brass terminals, 4mm Allen Wrench, Install / user manual.

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.:6.93(176)

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

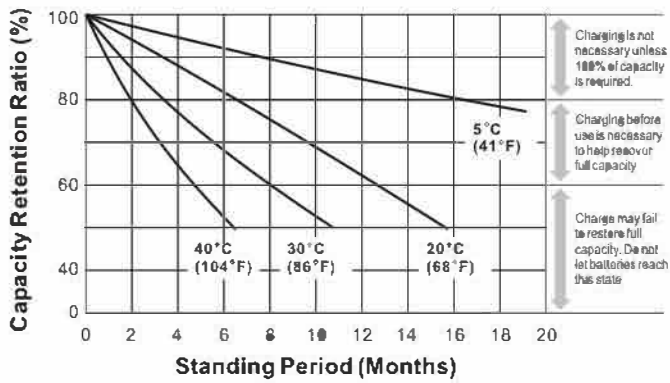


RETAIL CARTON

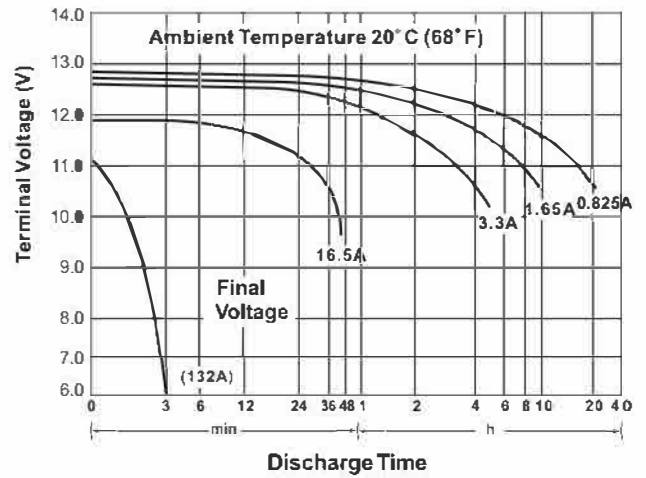


"C" TERMINAL TERMINAL COVER SCREW WRENCH

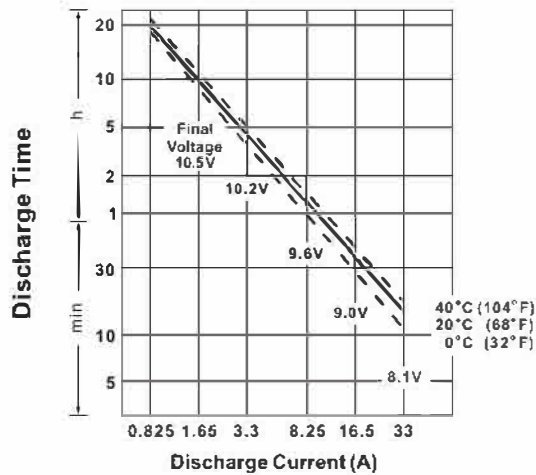
Shelf life & Storage



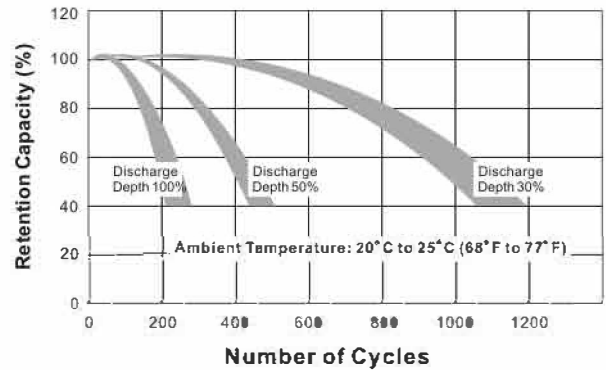
Discharge Characteristics



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.

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

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

Further Information

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