

# MOTOBATT

## QuadFlex Battery



# MBTX20UHD



### 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(6cells)

Nominal Capacity 25°C(77°F)

20-hr. (1.05A to 10.50 volts) ----- 22.3AH

10-hr. (2.10A to 10.50 volts) ----- 21.0AH

5-hr. (4.20A to 10.20 volts) ----- 17.22AH

1C. (21.0A to 9.60 volts) -----14.7AH

3C. (63.0A to 9.60 volts) ----- 8.19AH

Approximate Weight ----- 14.55lbs. (6.50kg)

Energy Density ( 20-hr rate ) -----1.62W-h / in3 ( 98.7W-h/1 )

Specific Energy ( 20-hr rate ) -----17.6W-h / lb ( 38.8W-h/kg )

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

CCA(-0 4°F/-18°C,7.2V,30S) -----320amperes

CA(32°F/0°C,7.2V,30S) -----407 amperes

Shelf Life (% of normal capacity at 68°F/20°C) --- SOC% OCV

1 months ----- 97% 12.78V

3 months ----- 91% 12.70V

6 months ----- 83% 12.5V

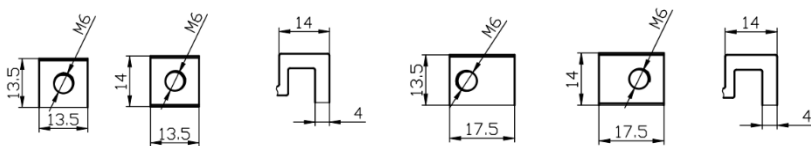
Operating Temperature Range

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

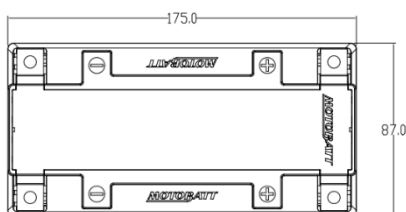
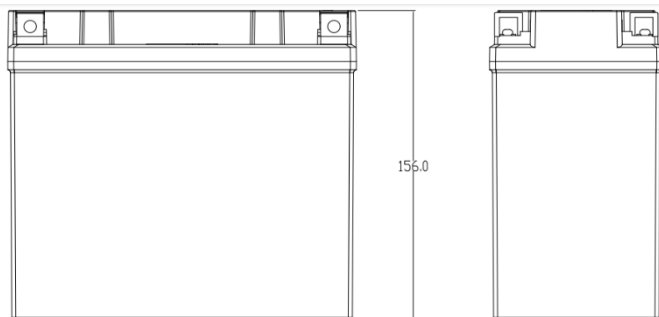
Charge ----- -40°F(-40°C) to 140°F(60°C)

Case ----- ABS

### Terminal Dimensions (mm)



### Physical Dimensions (in./mm)



Length: 6.89in(175mm) Width: 3.43in(87mm) TW:3.94in(100mm)

Height: 6.06in(154mm) TH: 6.85in(174mm)

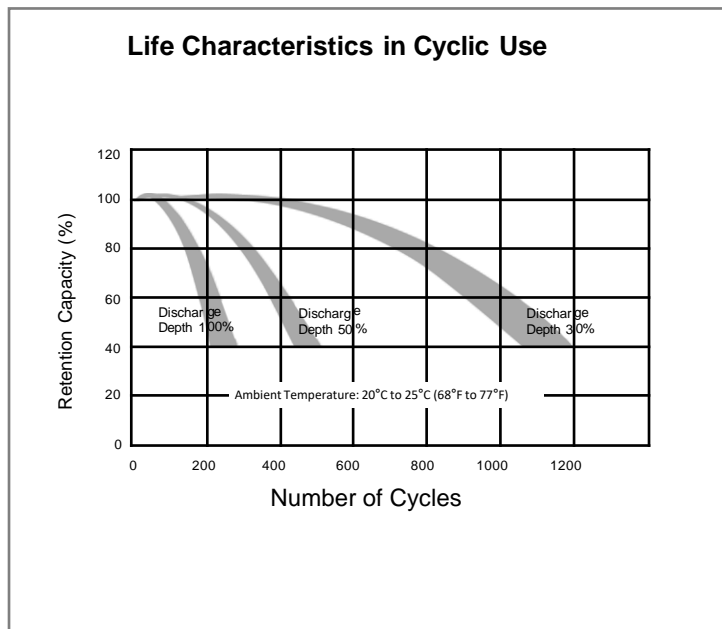
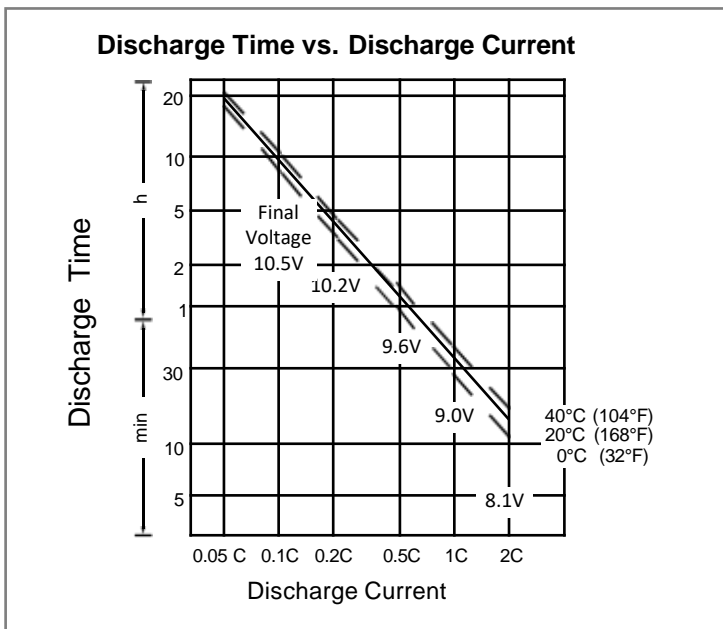
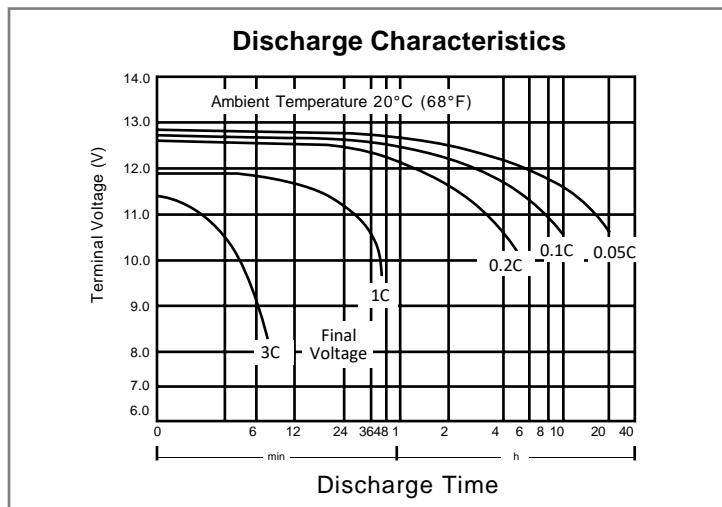
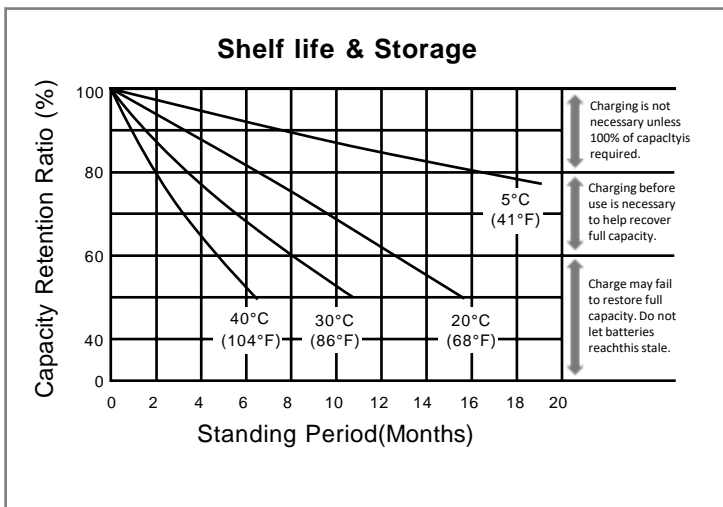
Tolerances are ±0.04 inches (±1mm) and ±0.08 inches (±2mm) for height.



Screw

# MOTOBATT

## QuadFlex Battery



## Charging

**Cycle Applications:** Limit initial current to 0.2C. Charge until battery voltage (undercharge) 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 50 mA. 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 2A. 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](http://www.motobatt.com)

## Can be used to replace

12N16-3A	12N16-3B	12N16-4A	12N16-4B	YTX20
YTX20L	YTX20BS	YTX20HBS	YTX20LBS	YTX20HLBS
YTX20HLBSPW	YTX20H	YTX20HL	YTX20HLPW	YB16A
YB16A2	YB16B	YB16B2	YB16HLACX	SYB16LB
YB16LA	YB16LA2	YB16LB	YB16LB2	YB16CB
YB16CLB	YB16BCX	GT16L-BS	CT16-BS	CTX19L-BS
CTX19-BS	GYZ20H	GYZ20L	GYZ20HL	

## Further information

Please refer to our website [www.motobatt.com](http://www.motobatt.com) to locate a distributor in your area.