MOTOBATT

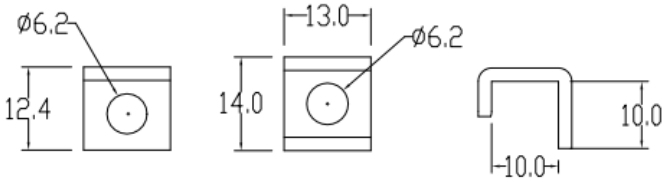
QuadFlex Battery



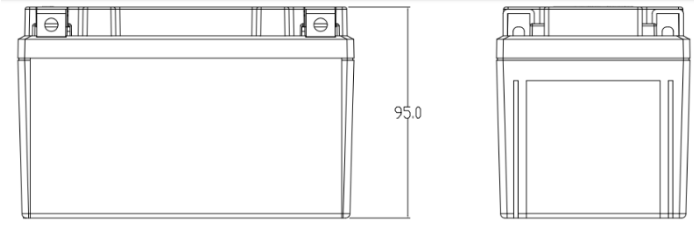
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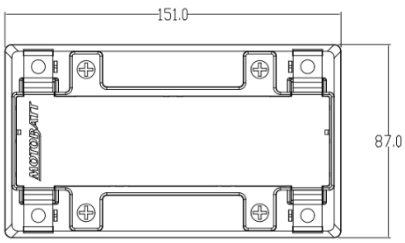


Terminal Dimensions (mm)



Physical Dimensions (in./mm)





Length: 5.94in(151mm) Width: 3.43in(87mm)
Height: 3.74in(95mm)
Tolerances are ±0.04 inches (±1mm) and ±0.08 inches (±2mm) for height.

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℃(77℉)

20-hr. (0.43A to 10.50 volts) ---------- 9.10AH

10-hr. (0.86A to 10.50 volts) ---------- 8.60AH

5-hr. (1.72A to 10.20 volts) ---------- 7.05AH

1C. (8.60A to 9.60 volts) ----------6.02AH

3C. (25.8A to 9.60 volts) ---------- 3.35AH

Approximate Weight ---------- 6.39lbs. (2.70kg)

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℉/-18℃,7.2V,30S) ----------165 amperes

CA(32℉/0℃,7.2V,30S) ----------219 amperes

Shelf Life (% of normal capacity at 68℉/20℃) --- SOC% OCV

1 months ---------- 97% 12.78V

3 months ---------- 91% 12.70V

6 months ---------- 83% 12.5V

Operating Temperature Range

Discharge ---------- -4℉(-20℃) to 122℉(50℃)

Charge ---------- -40℉(-40℃) to 140℉(60℃)

Case ---------- ABS



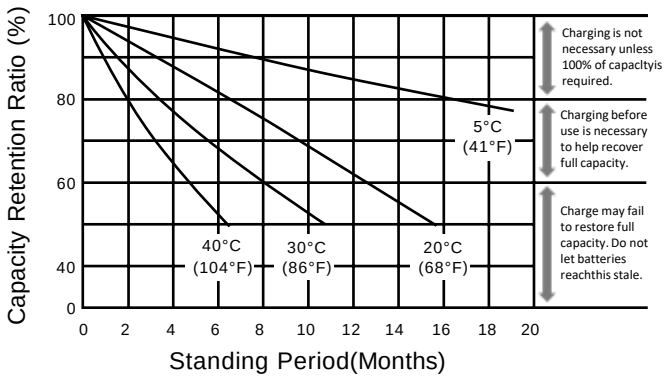
SCREW

MOTOBATT

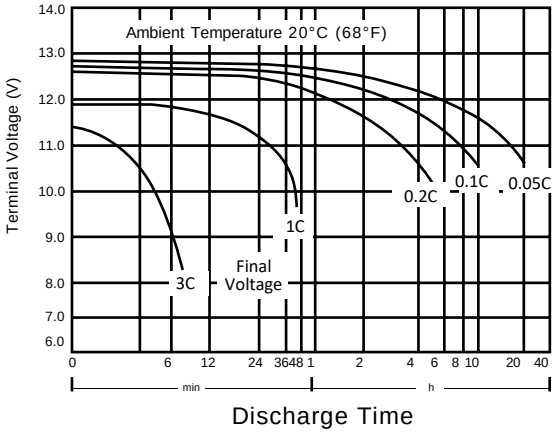
QuadFlex Battery



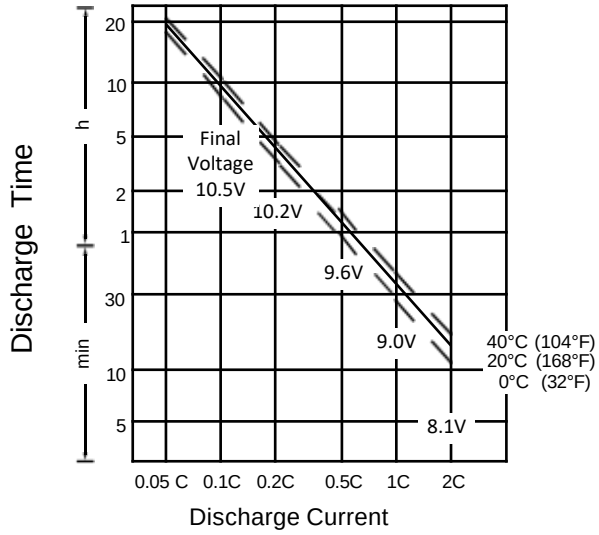
Shelf life & Storage



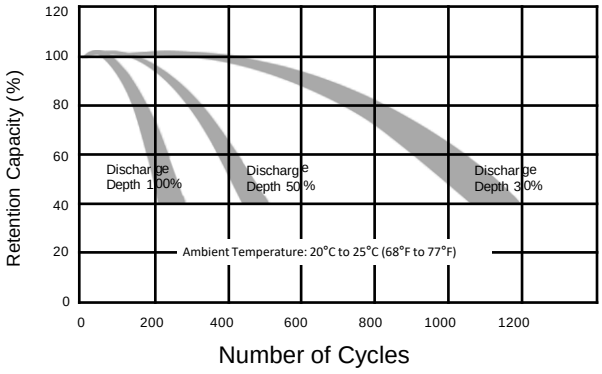
Discharge Characteristics



Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Charging

Cycle Applications: Limit initial current to 0.2C. Charge until battery voltage (undercharge) reaches 14.8 to 15.0 volts at 68℉ (20℃). 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.

Can be used to replace

YTX7ABS	YTZ10S		

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

Further information

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