

MOTOBATT

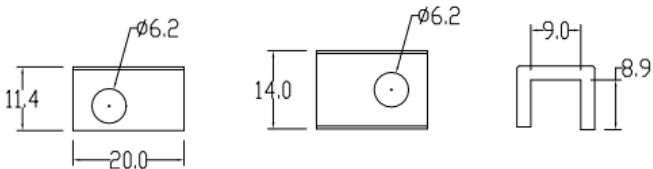
QuadFlex Battery



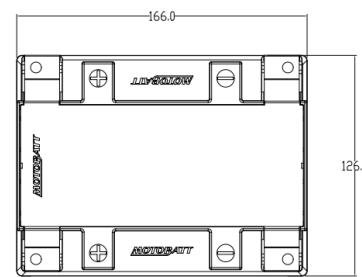
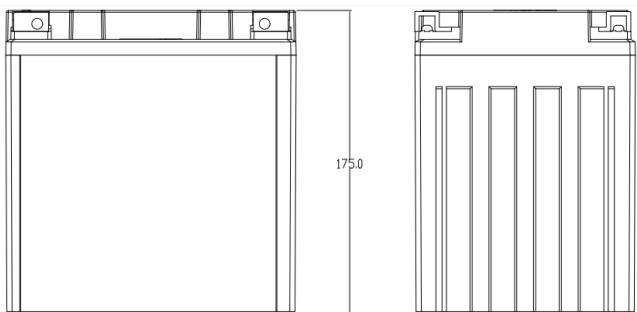
MBTX30UHD



Terminal Dimensions (mm)



Physical Dimensions (in./mm)



Length: 6.54in(166mm) Width: 4.96in(126mm)

Height: 6.89in(175mm) TH: 7.56in(192mm)

Tolerances are ± 0.04 inches (± 1 mm) and ± 0.08 inches (± 2 mm) 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°C(77°F)

20-hr. (1.65A to 10.50 volts) ----- 35.0AH

10-hr. (3.30A to 10.50 volts) ----- 33.0AH

5-hr. (6.60A to 10.20 volts) ----- 27.06AH

1C. (33.0A to 9.60 volts) ----- 23.1AH

3C. (99.0A to 9.60 volts) ----- 12.87AH

Approximate Weight ----- 22.04lbs. (10.0kg)

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) ----- 450 amperes

CA(32°F/0°C,7.2V,30S) ----- 525 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



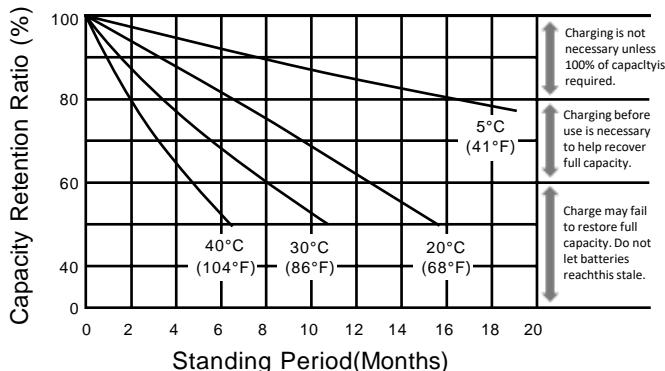
Screw

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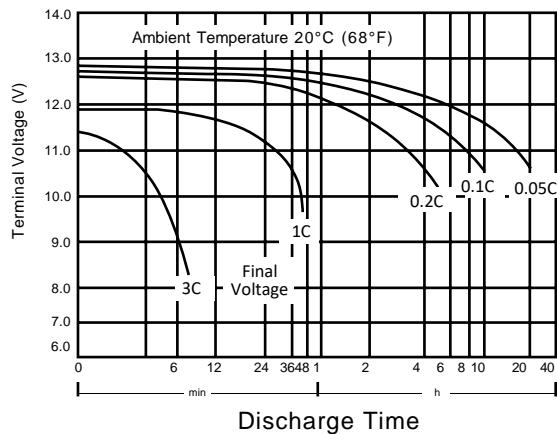
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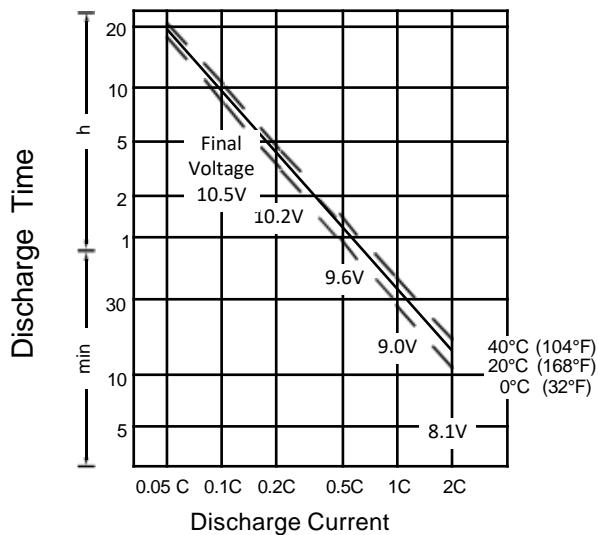
Shelf life & Storage



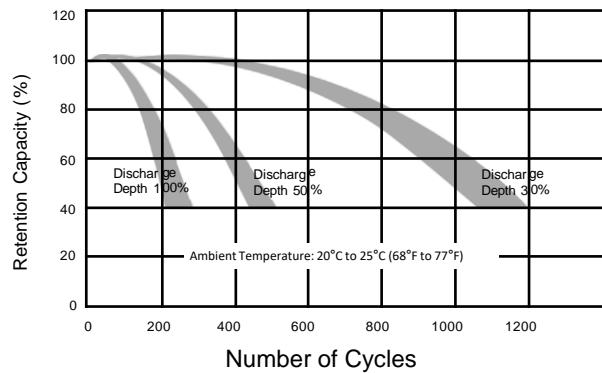
Discharge Characteristics



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°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

Can be used to replace

Y60N24A	Y60N24ALB	Y60N24LA	Y60N24LA2	12N24-3
12N24-3A	12N24-4	12N24-4A	YIX30	YIX30L
YIX30L-PW	YIX30L-BS	YIX30L-BS PW	YB30LB	YB30CLB
Y60N30LA	Y60N30LB	GYZ32HL	52515	53030

Further information

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