MOTOBATT

QuadFlex™ Battery

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MB9U





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.	(0.55A to 10.50 volts)	11.3AH
10-hr.	(1.1A to 10.50 volts)	11.0 AH
5-hr.	(2.2A to 10.20 volts)	9.35 AH
1C.	(11.0A to 9.6 volts)	3 6Min (6.6AH)
8C.	(88A to 6.00 volts)	2Min (2.93AH)

Approximate Weight ---------- 7.38 lbs. (3.35kg)

Energy Density (20-hr. rate) ---------- 1.61W-h/in^3 (98.6 W-h/l)

Specific Energy (20-hr. rate) ---------- 18.37W-h/lb (40.5 W-h/kg)

Internal Resistance (approx) ---------- 20 milliohms

CCA (-0.4°F/-18°C,7.2V,30S)---------- 140 amperes

CA (68°F/20°C,7.2V,30S)---------- 205 amperes

Shelf Life (% of nomomal capacityat 68°F (20°C)----- SOC% OCV

1 Months	97%	12.78V
3 Months	91%	12.7V
6 Months	83%	12.5V

Operating Temperature Range

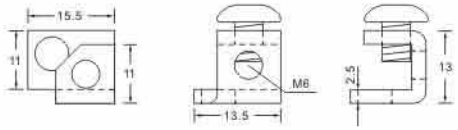
Charge ---------- -4°F(-20°C) to 122°F(50°C)

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

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

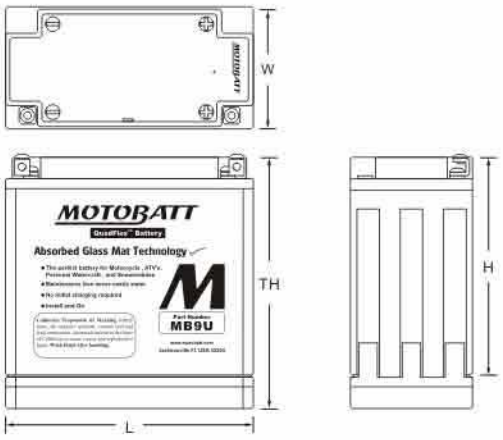
Carton Contents ----------1-MotoBatt MB9U Battery, 4 stainless steel terminal screws, 2 brass terminals, 4mm Allen Wrench, Install / user manual.

Brass Terminals (mm)



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

Physical Dimensions: (in./mm)



L:5.36(136) W:3.00(76)
H:5.24(133) / TH.:5.48(139) / TH.:6.11(155)

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

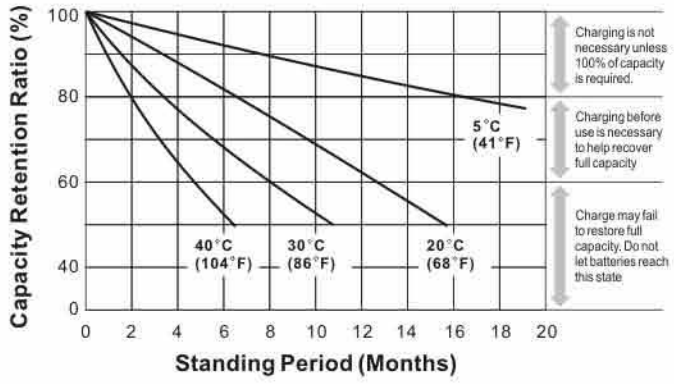


RETAIL CARTON

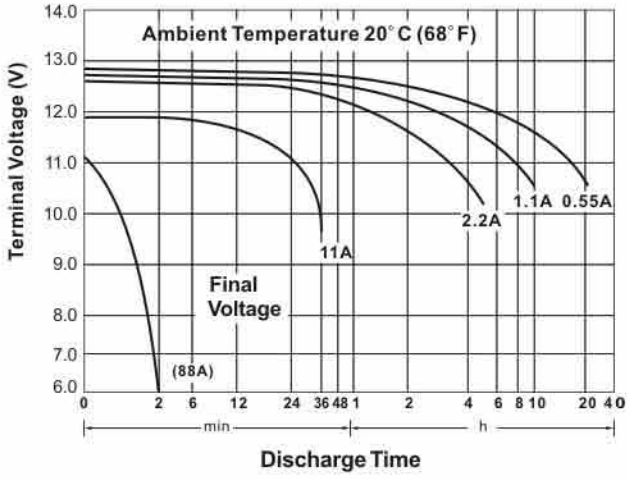


"C" TERMINAL TERMINAL COVER SCREW WRENCH

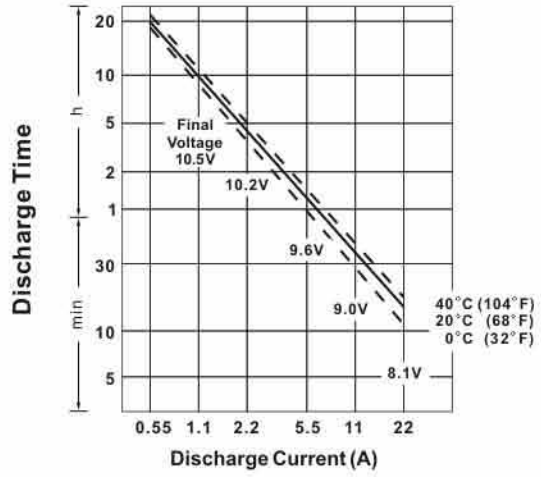
Shelf life & Storage



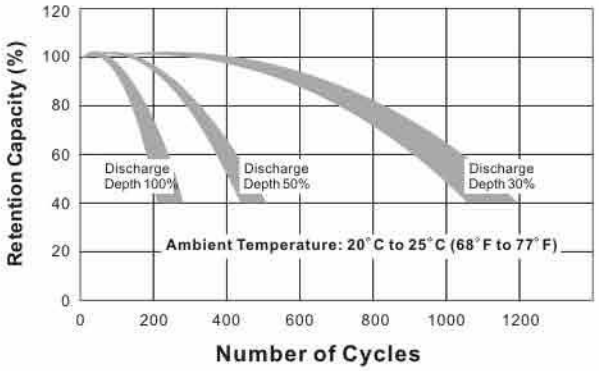
Discharge Characteristics



Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Charging

Cycle Applications: limit initial current to 3.3A. Charge until battery votage (under charge) reaches 14.8 to 15.0 volts at 68°F(20°C). Hold at 14.8 to15.0 volts until current drops to under 220mA. 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

12N73A	12N73B	12N7D3B	12N74A
12N74B	YB7A	YB7AA	YB7LA
YB7LB	YB9A	YB9AA	YB9A2
YB9LA2	YB9B	YB9LB	YB9B2
YB9LB2	12N93A	12N93A1	12N93B
12N94B1			

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

Further Information

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