



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. (1.1A to 10.50 volts)	-----	23.0 AH
10-hr. (2.2A to 10.50 volts)	-----	22.0 AH
5-hr. (4.4A to 10.20 volts)	-----	18.7 AH
1C. (22.0A to 9.6 volts)	-----	40Min (14.7AH)
8C. (176A to 6.00 volts)	-----	3Min (8.8AH)

Approximate Weight -----14.55 lbs. (6.60kg)

Energy Density (20-hr. rate) ----- 1.82W-h/in³ (110.9 W-h/l)

Specific Energy (20-hr. rate) -----18.97W-h/lb (41.8 W-h/kg)

Internal Resistance (approx) ----- 16 milliohms

CCA (-0.4°F/-18°C, 7.2V,30S)----- 220 amperes

CA (68°F/20°C, 7.2V,30S)-----275 amperes

Shelf Life (% of nomomal 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 MB51814 Battery,
4 stainless steel terminal screws, 2 brass terminals, 4mm Allen Wrench, Install / user manual.



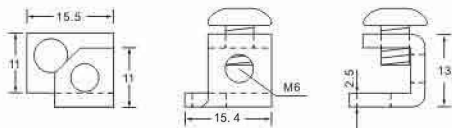
RETAIL CARTON



"C" TERMINAL TERMINAL COVER SCREW WRENCH

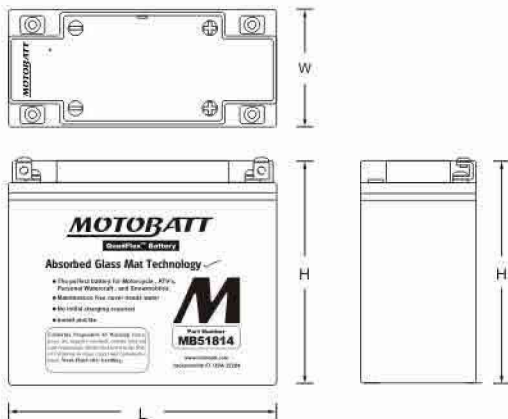
Brass Terminals

(mm)



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

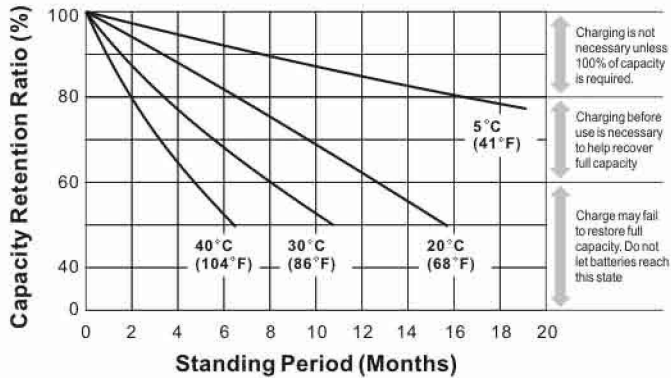
Physical Dimensions: (in./mm)



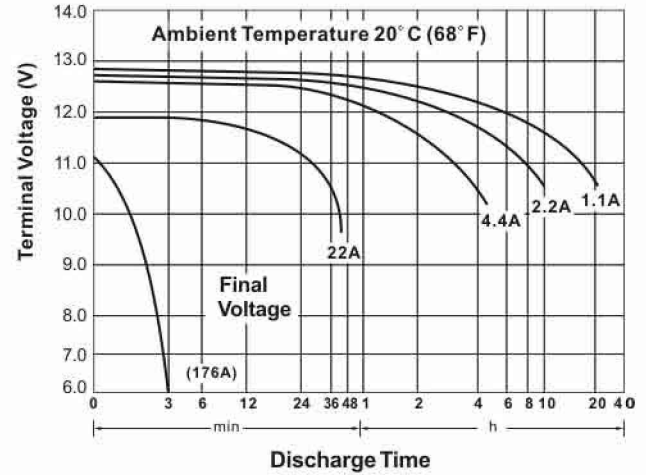
L:7.20(183) W:3.15(80) H:6.69(170)

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

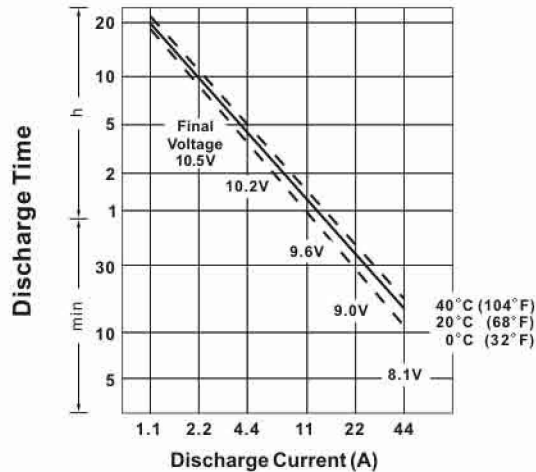
Shelf life & Storage



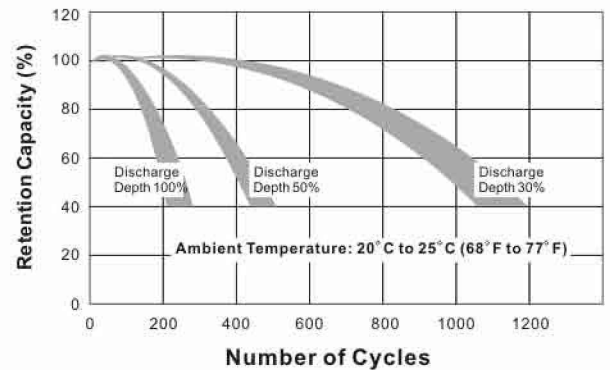
Discharge Characteristics



Discharge Time vs. Discharge Current



Life Characteristics in Cyclic Use



Charging

Cycle Applications: limit initial current to 6.6A. 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 440mA. 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

51814	51913		