

Cod. 004121002

VRLA BATTERY AGM TECHNOLOGY

Revision 1.0

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate (5.0A to 10.50V) **100Ah**
 5 hour rate (17.0A to 10.20V) **85Ah**

Weight Approx. 29.5kg (64.9 Lbs.)

Internal Resistance (at 1KHz) Approx. 5 mΩ

Maximum Discharge Current for

5 seconds: 1200A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 14.4 to 15.0V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 30A

Standby use:

Float Charging Voltage 13.50 to 13.80V

Coefficient -3.0mv/°C/cell

Operating Temperature Range

Charge -15°C (5°F) to 40 °C (104°F)

Discharge -15°C (5°F) to 50 °C (122°F)

Storage -15°C (5°F) to 40 °C (104°F)

Charge Retention (shelf life) at 20°C (68°F)

1 month 92%

3 month 90%

6 month 80%

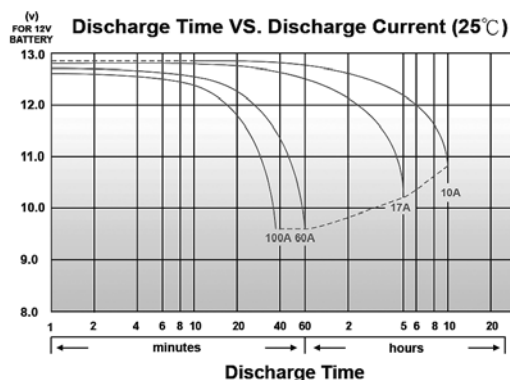
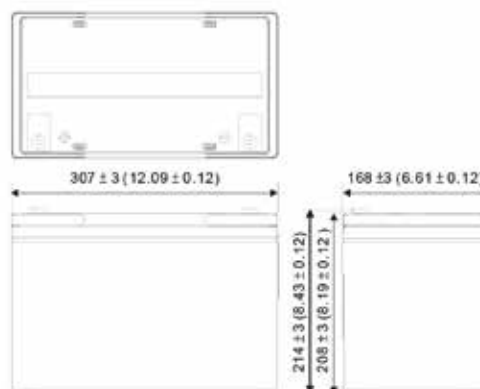
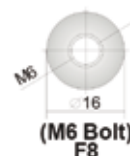
Case Material ABS UL94HB

(Option: ABS UL94 V-0 flame retardant)

Terminal FM6

ENERGY *Cyclic*
SAFE

Dimensions mm (inch)

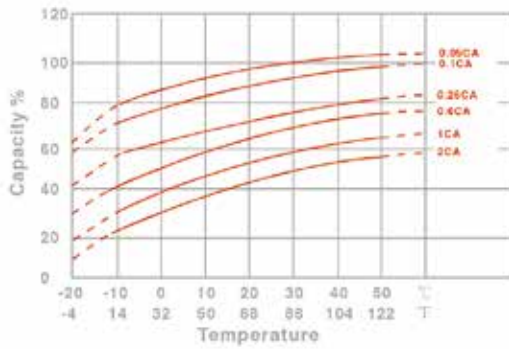


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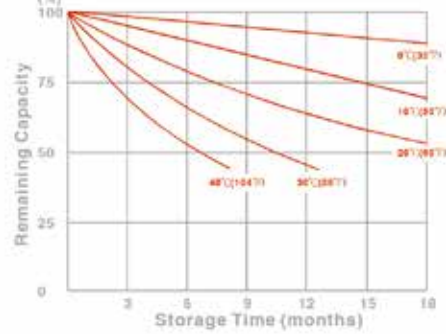
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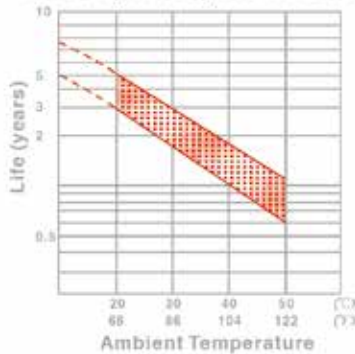
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

