

Cod. 0840603

VRLA BATTERY AGM TECHNOLOGY

Revision 1.0

Specifications

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate	3.2Ah
10 hour rate	3.1Ah
5 hour rate	2.9Ah
1 C	1.86Ah

Weight Approx. 0.70Kg

Internal Resistance (at 1KHz) Approx. 18 mΩ

Maximum Discharge Current for

5 seconds: 45A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 7.20 to 7.50V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 0.90A

Standby use:

Float Charging Voltage 6.75 to 6.90V

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 98%

3 month 94%

6 month 85%

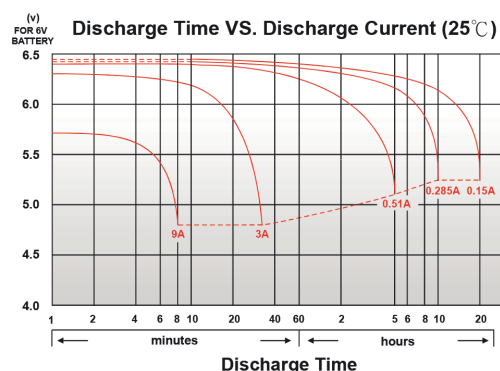
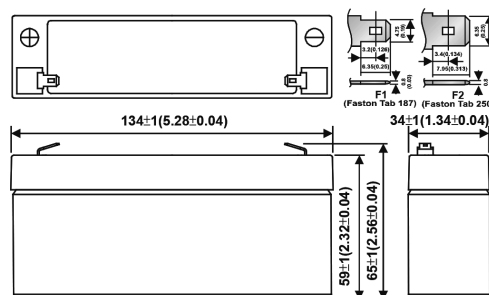
Case Material ABS UL94HB

(Option: ABS UL94 V-0 flame retardant)

Terminal F1 (Faston Tab 187 or 250)

ENERGY SAFE

Dimensions mm (inch)

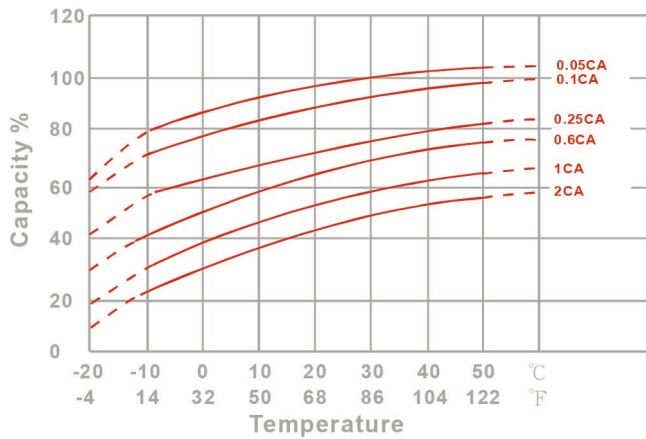


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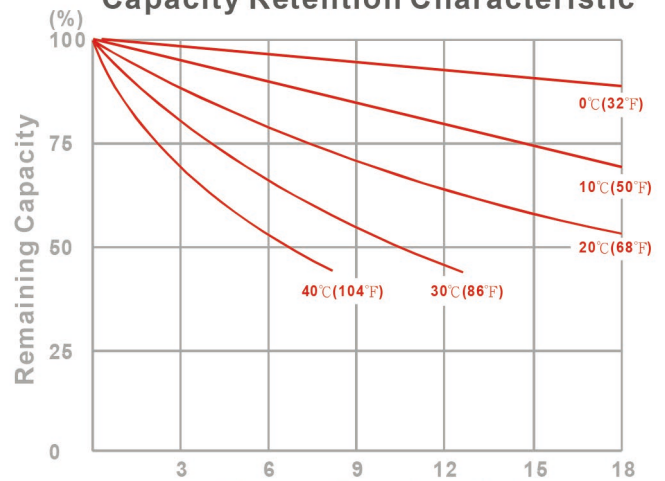
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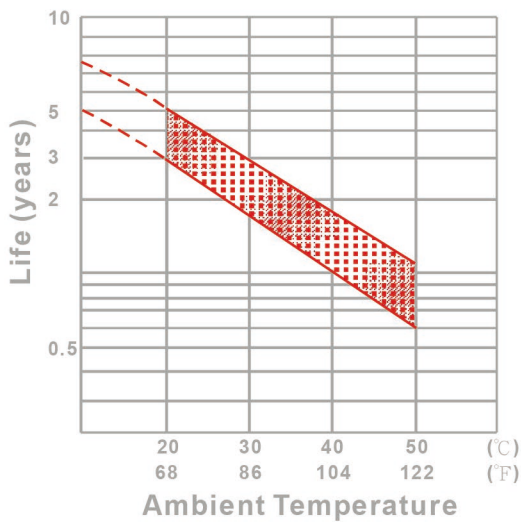
Effect of Temperature on Capacity 25°C (77°F)



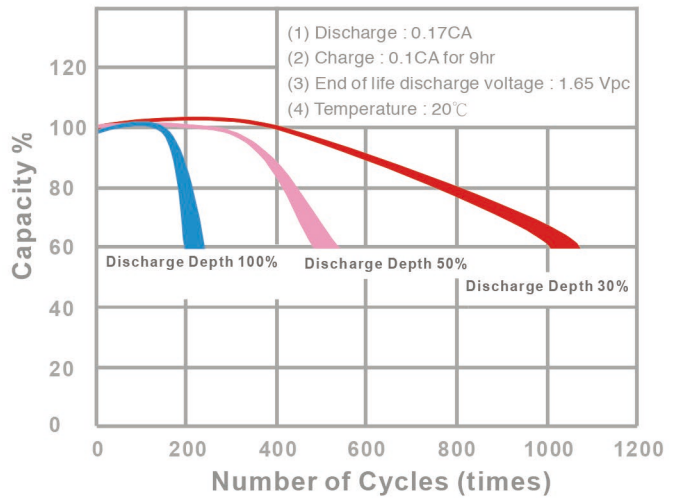
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



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