

Cod. 0040604

VRLA BATTERY AGM TECHNOLOGY

Revision 4.0

Specifications

Nominal Voltage (V) **6V**

Nominal Capacity

20 hour rate	(0.225A to 5.25V)	4.5Ah
10 hour rate	(0.428A to 5.25V)	4.275Ah
5 hour rate	(0.765A to 5.1V)	3.825Ah
1 C	(4.5A to 4.8V)	2.55Ah
3 C	(13.5A to 4.8V)	1.8Ah

Weight Approx. **850g (1.87 Lbs.)**

Internal Resistance (at 1KHz) Approx. **18 mΩ**

Maximum Discharge Current for

5 seconds: **90A**

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient -5.0mv/°C/cell

Maximum Charging Current: **1.35A**

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%**

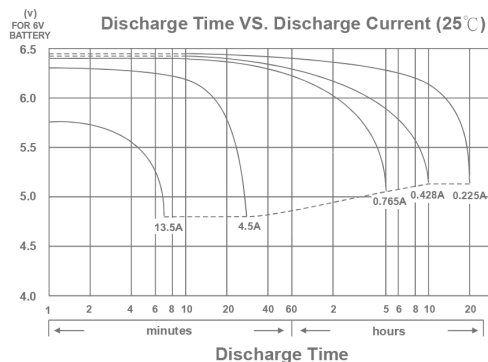
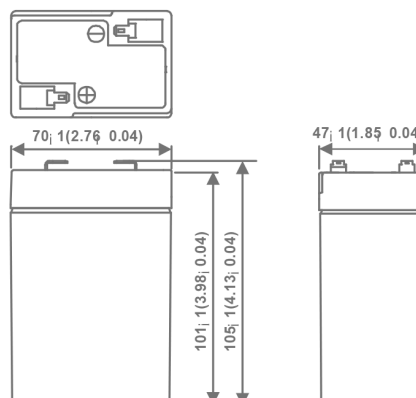
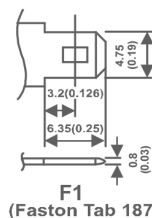
Case Material ABS UL94HB

(Option: ABS UL94 V-0 flame retardant)

Terminal **F1 (Faston Tab 187 or 250)**

ENERGY SAFE

Dimensions mm (inch)

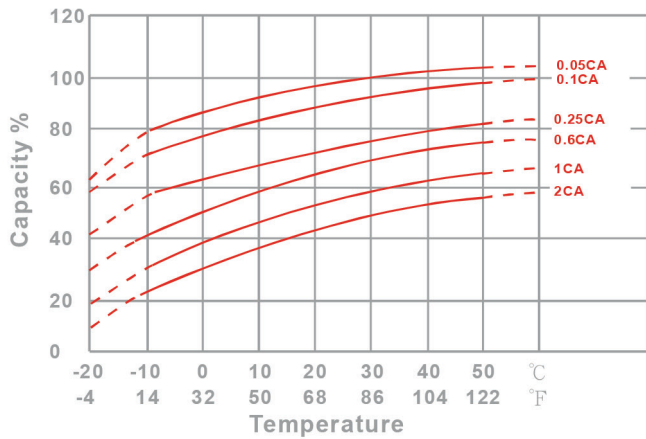


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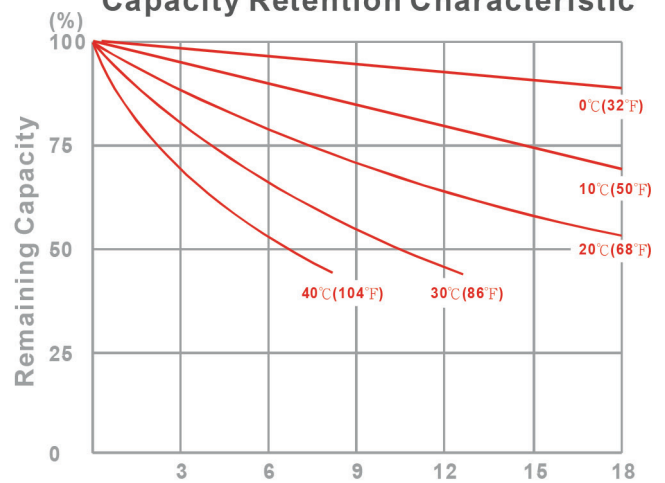
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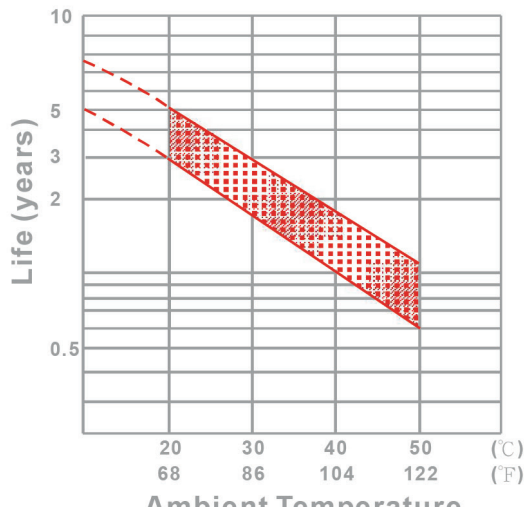
Effect of Temperature on Capacity 25°C (77°F)



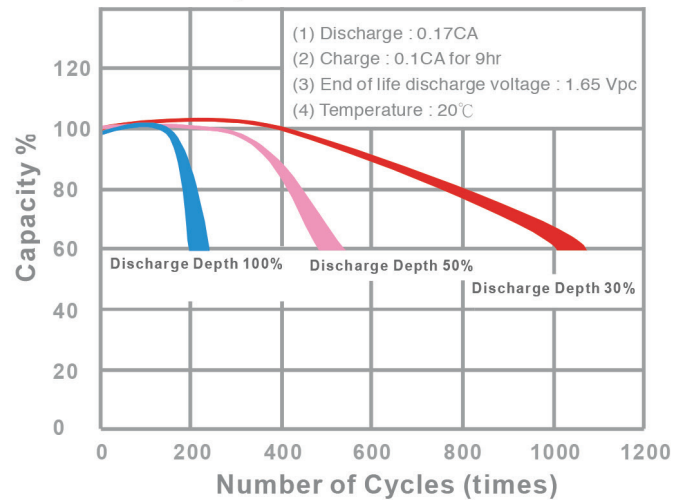
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



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