

Cod. 0040601

VRLA BATTERY AGM TECHNOLOGY

Revision 4.0

Specifications

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate	(0.065A to 5.25V)	1.3Ah
10 hour rate	(0.124A to 5.25V)	1.235Ah
5 hour rate	(0.221A to 5.1V)	1.105Ah
1 C	(1.3A to 4.8V)	0.737Ah
3 C	(3.9A to 4.8V)	0.52Ah

Weight Approx. 310g (0.68 Lbs.)

Internal Resistance (at 1KHz) Approx. 41 mΩ

Maximum Discharge Current for

5 seconds: 19.5A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 7.20 to 7.50V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 0.39A

Standby use:

Float Charging Voltage 6.75 to 6.90V

Coefficient -3.0mv/°C/cell

Operating Temperature Range

Charge -15°C (5°F) to 50 °C (122°F)

Discharge -20°C (-4°F) to 60 °C (140°F)

Storage -20°C (-4°F) to 60 °C (140°F)

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

1 month	92%
3 month	90%
6 month	80%

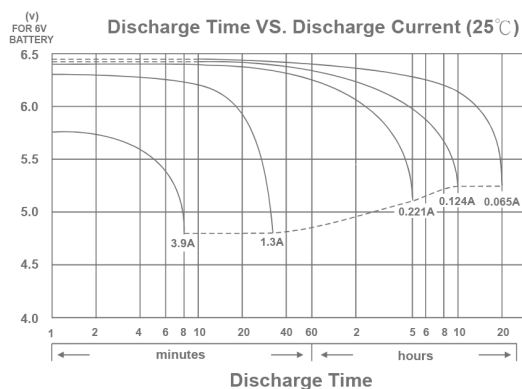
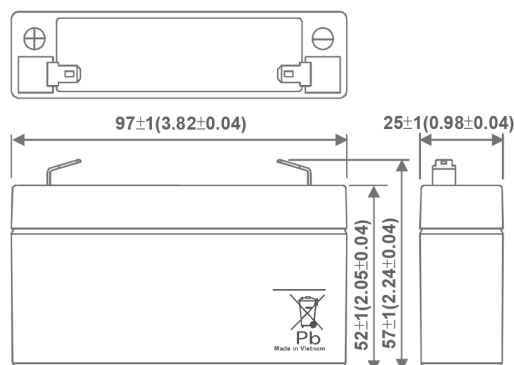
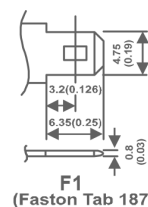
Case Material ABS UL94HB

(Option: ABS UL94 V-0 flame retardant)

Terminal F1 (Faston Tab 185 or 250)

ENERGY SAFE

Dimensions mm (inch)

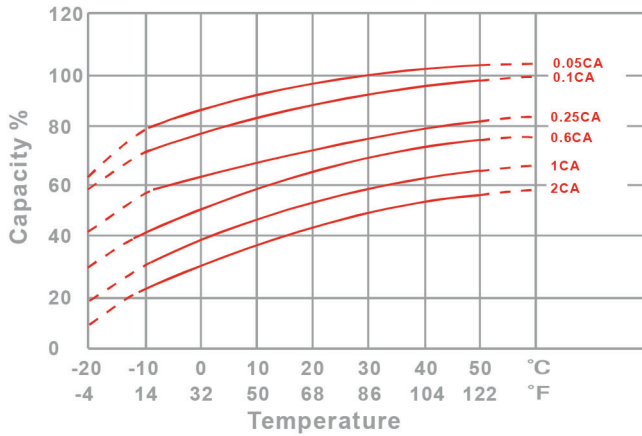


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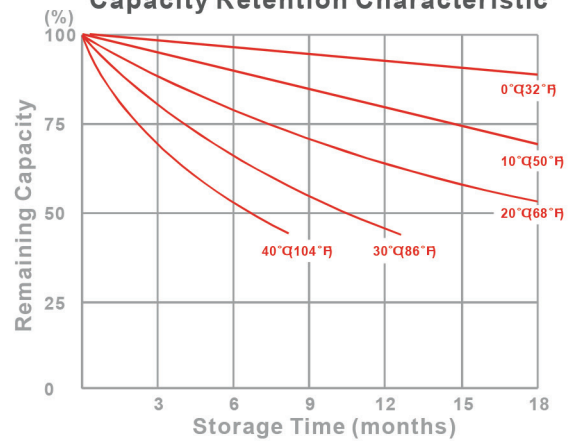
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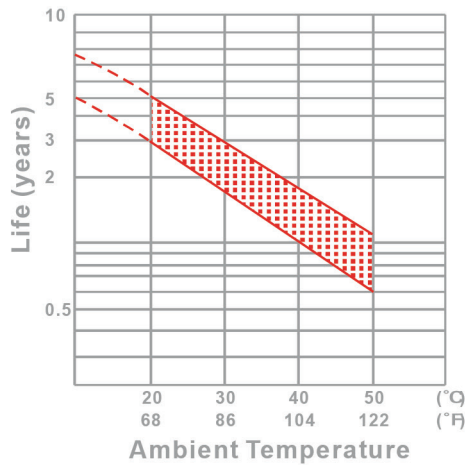
Effect of Temperature on Capacity 25°C(77°F)



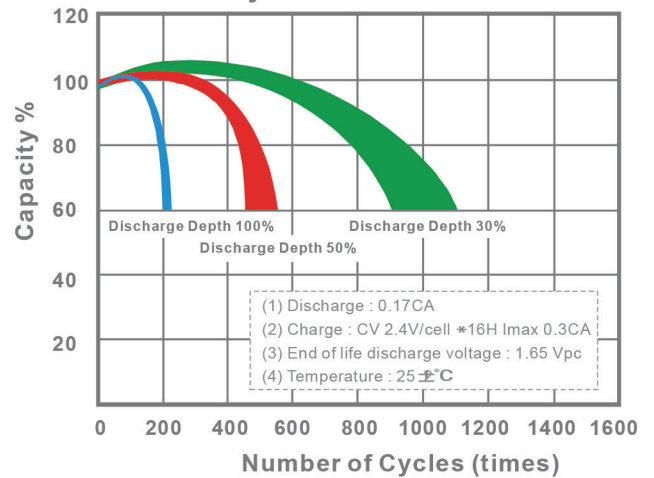
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



260215-1A-ITA0001

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