

Cod. 00406201

VRLA BATTERY AGM TECHNOLOGY

Revision 4.0

Specifications

Nominal Voltage (V) 6V

Nominal Capacity

20 hour rate	(1A to 5.25V)	20Ah
10 hour rate	(1.9A to 5.25V)	19Ah
5 hour rate	(3.4A to 5.1V)	17Ah
1 C	(20A to 4.8V)	11.33Ah
3 C	(60A to 4.8V)	8Ah

Weight Approx. 4.0kg (8.8 Lbs.)

Internal Resistance (at 1KHz) Approx. 5 mΩ

Maximum Discharge Current for

5 seconds: 327A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 7.20 to 7.50V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 3.6A

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 92%

3 month 90%

6 month 80%

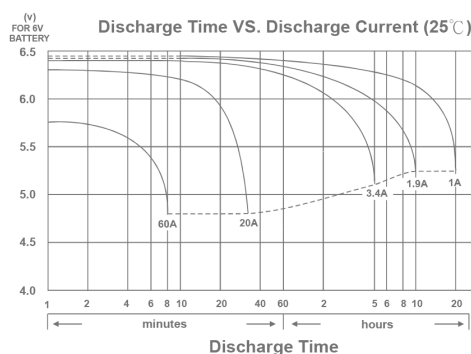
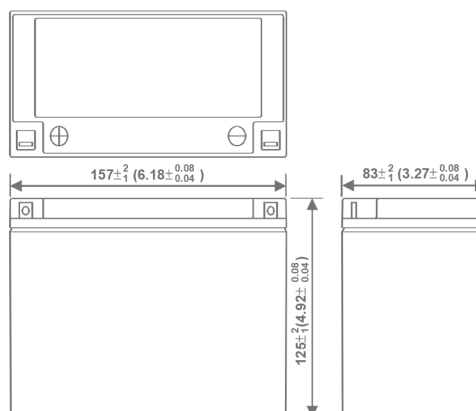
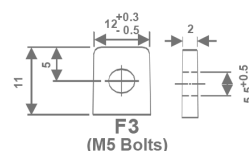
Case Material ABS UL94HB

(Option: ABS UL94 V-0 flame retardant)

Terminal F3

ENERGY SAFE

Dimensions mm (inch)

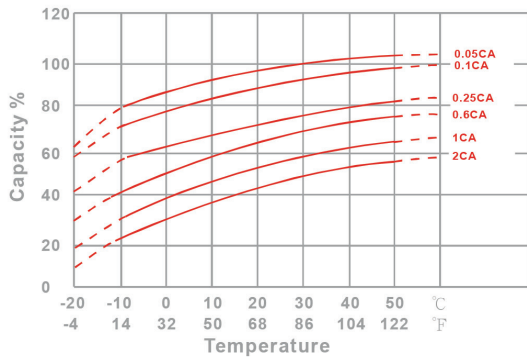


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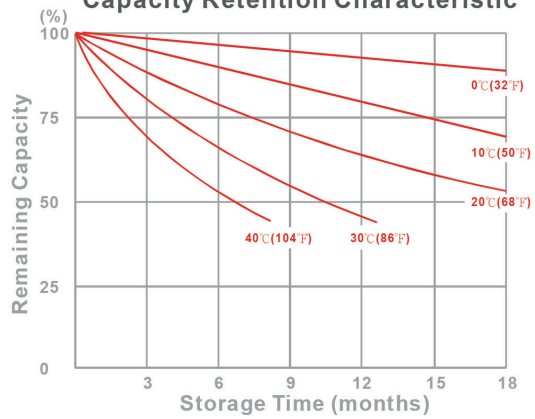
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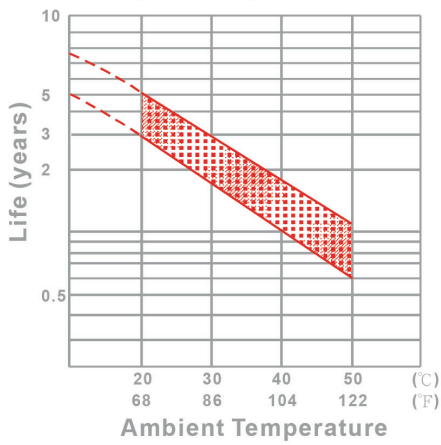
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

