

**Cod. 00406103**

**VRLA BATTERY AGM TECHNOLOGY**

Revision 4.0

**Specifications**

**Nominal Voltage (V)** 6V

**Nominal Capacity**

20 hour rate	(0.6A to 5.25V)	<b>12Ah</b>
10 hour rate	(1.14A to 5.25V)	<b>11.4Ah</b>
5 hour rate	(2.04A to 5.1V)	<b>10.2Ah</b>
1 C	(12A to 4.8V)	<b>6.8Ah</b>
3 C	(36A to 4.8V)	<b>4.8Ah</b>

**Weight** Approx. 1.84kg (4.05 Lbs.)

**Internal Resistance (at 1KHz)** Approx. 6 mΩ

**Maximum Discharge Current for**

**5 seconds:** 180A

**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	<b>92%</b>
3 month	<b>90%</b>
6 month	<b>80%</b>

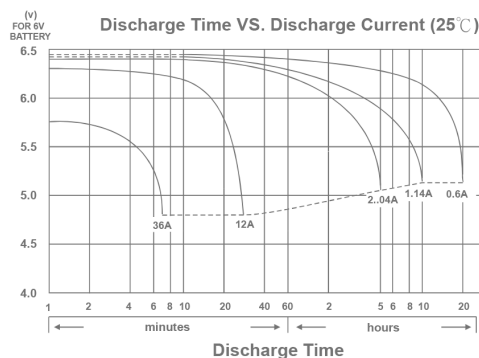
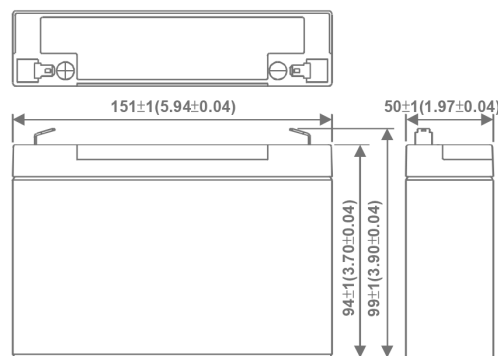
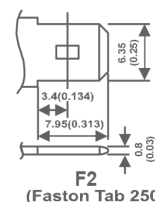
**Case Material ABS UL94HB**

(Option: ABS UL94 V-0 flame retardant)

**Terminal** F2 (Faston Tab 187 or 250)

**ENERGY SAFE**

**Dimensions mm (inch)**

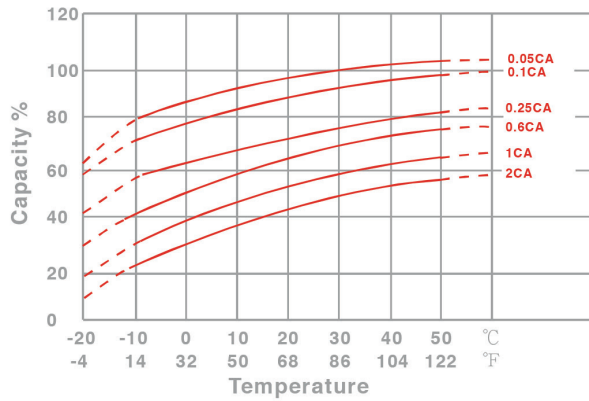


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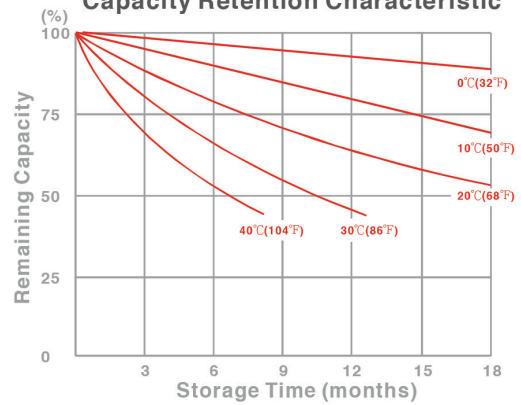
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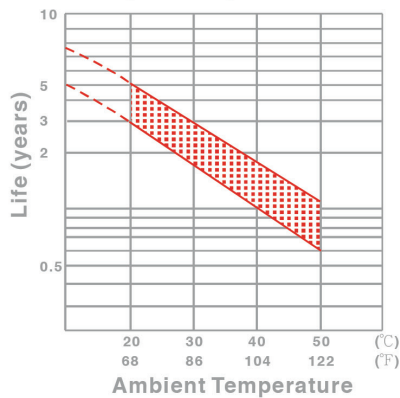
**Effect of Temperature on Capacity 25°C(77°F)**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

