

**Cod. 08412022**

**VRLA BATTERY AGM TECHNOLOGY**

Revision 1.0

**Specifications**

**Nominal Voltage (V)** 12V

**Nominal Capacity**

20 hour rate	2.9Ah
10 hour rate	2.4Ah
5 hour rate	2.3Ah
1 C	2.55Ah

**Weight** Approx. 1.11Kg

**Internal Resistance (at 1KHz)** Approx. 70 mΩ

**Maximum Discharge Current for**

**5 seconds:** 30A

**Charging Methods at 25°C (77°F)**

**Cycle use:**

Charging Voltage 14.40 to 15V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 0.80A

**Standby use:**

Float Charging Voltage 13.5 to 13.80V

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%

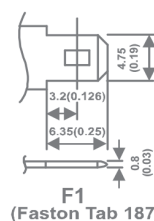
**Case Material ABS UL94HB**

(Option: ABS UL94 V-0 flame retardant)

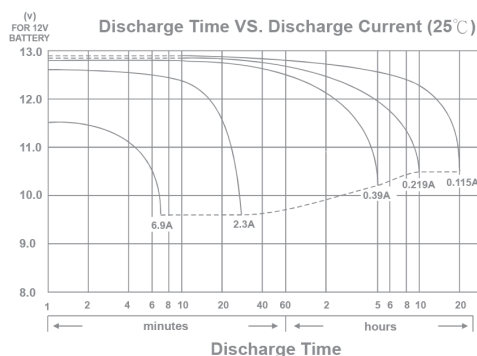
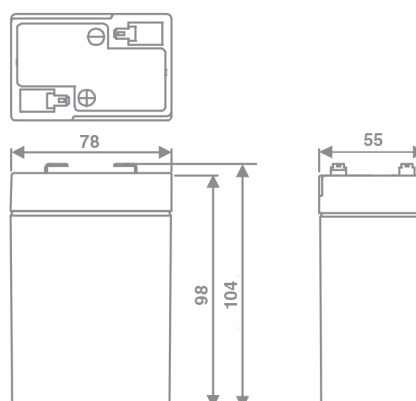
**Terminal** F1 (Faston Tab 187 or 250)

**ENERGY SAFE**

**Dimensions mm (inch)**



F1 (Faston Tab 187)

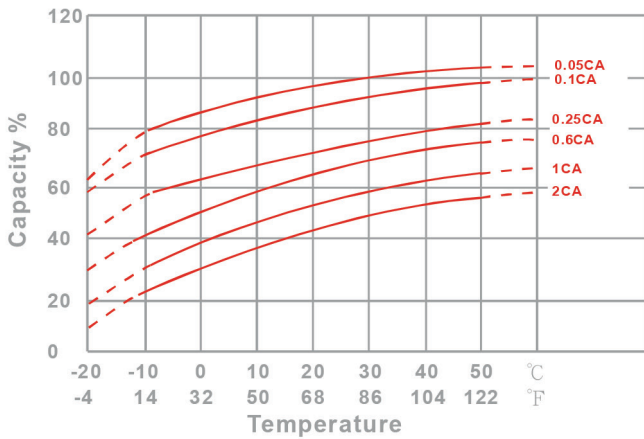


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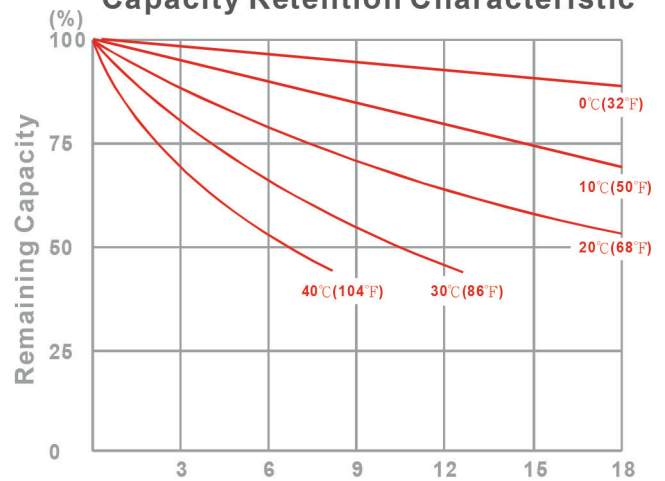
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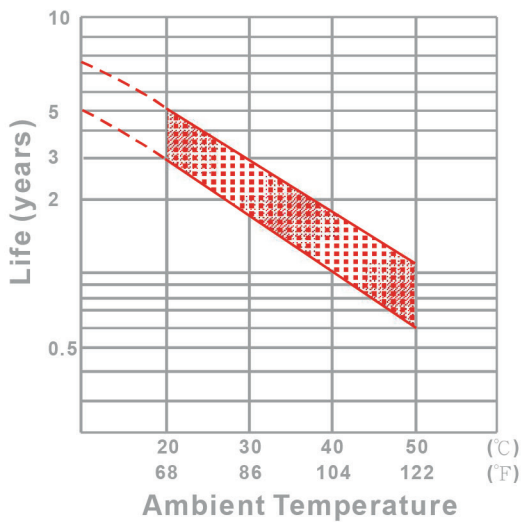
**Effect of Temperature on Capacity 25°C(77°F)**



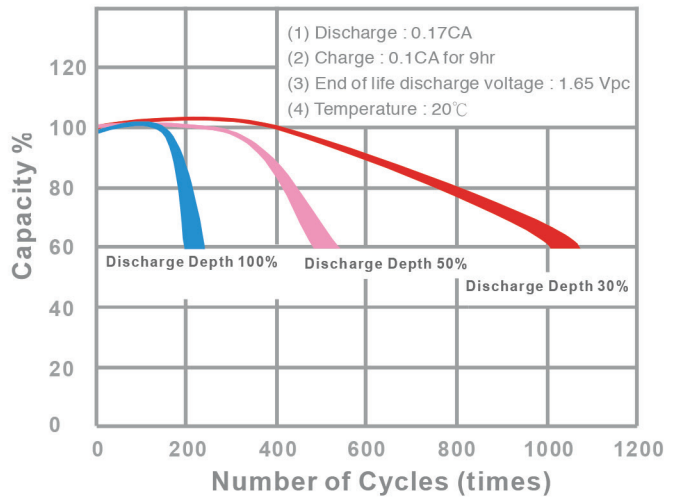
**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**



Contents in this data sheet are subject to change for improvement without prior notice to users. For clarifications and updated information, please contact us.