

**Cod. 00412502**

**VRLA BATTERY AGM TECHNOLOGY**

Revision 4.0

**Specifications**

**Nominal Voltage (V)** 12V

**Nominal Capacity**

20 hour rate	(2.5A to 10.50V)	<b>50.0Ah</b>
10 hour rate	(4.75A to 10.50V)	<b>47.5Ah</b>
5 hour rate	(8.5A to 10.20V)	<b>42.5Ah</b>
1 C	(50A to 9.60V)	<b>28.33Ah</b>
3 C	(150A to 9.60V)	<b>20.0Ah</b>

**Weight** Approx. 14.5kg (31.9 Lbs.)

**Internal Resistance (at 1KHz)** Approx. 5 mΩ

**Maximum Discharge Current for 5 seconds:** 600A

**Charging Methods at 25°C (77°F)**

**Cycle use:**

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/°C/cell

Maximum Charging Current: **15A**

**Standby use:**

Float Charging Voltage **13.50 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	<b>98%</b>
3 month	<b>94%</b>
6 month	<b>85%</b>

**Case Material ABS UL94HB**

(Option: ABS UL94 V-0 flame retardant)

**Terminal** **FM6**

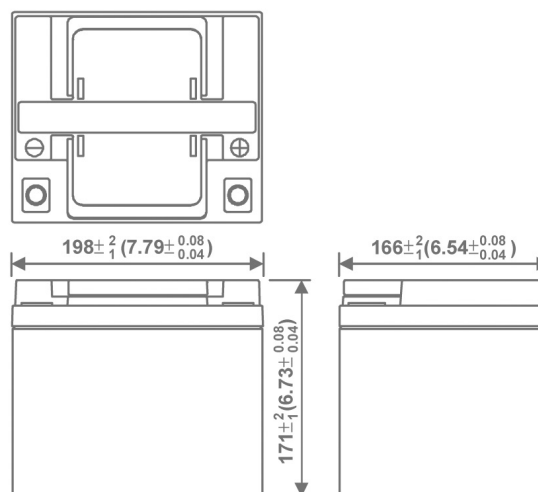
**Description of torque value of hard ware for the terminals:**

Reccomended torque value **M6: 5.39 N-m (55kg-cm)**

Maximum allowable torque value **M6: 8.82 N-m (90kg-cm)**

**ENERGY** *Cyclic*  
**SAFE**

**Dimensions mm (inch)**



Dimensions: mm. 198 x 166 x 171 H

