

**Cod. 084121552**

**VRLA BATTERY AGM TECHNOLOGY**

Revision 1.0

**Specifications**

**Nominal Voltage (V)** 12V

**Nominal Capacity**

20 hour rate	(8.00A to 10.50V)	<b>160.00Ah</b>
10 hour rate	(15.00A to 10.50V)	<b>150.00Ah</b>
5 hour rate	(28.50A to 10.20V)	<b>142.50Ah</b>
1 C	(198.00A to 9.60V)	<b>99.00Ah</b>

**Weight** Approx. 40.6kg (89.5 Lbs.)

**Internal Resistance (at 1KHz)**

Approx. 3.2 mΩ

**Maximum Discharge Current for**

**5 seconds:** 1160A

**Charging Methods at 25°C (77°F)**

**Cycle use:**

Charging Voltage 14.40 to 15.00V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 35A

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

**Case Material ABS UL94HB**

(Option: ABS UL94 V-0 flame retardant)

**Terminal**

**FM6**

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

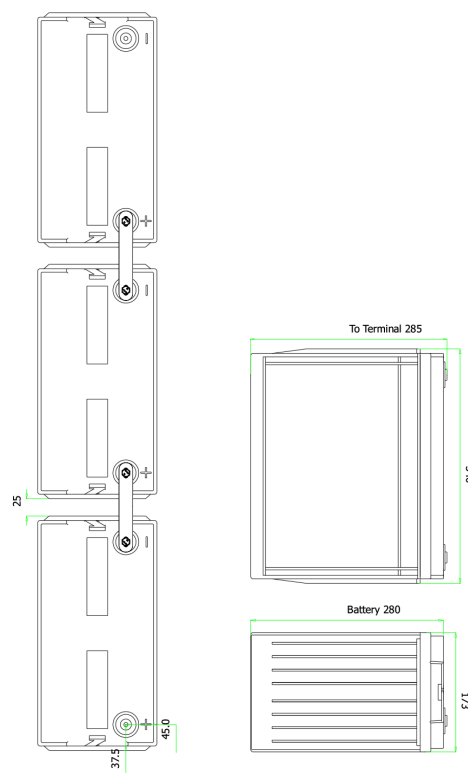
Reccomended torque value **M6: 5.39 N-m (55kg-cm)**

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

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

**Dimensions**

**mm (inch)**



Dimensions: mm. 340 x 173 x 283 H

