

Cod. 08412712

VRLA BATTERY AGM TECHNOLOGY

Revision 1.0

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate	(3.75A to 10.50V)	75.00Ah
10 hour rate	(7.21A to 10.50V)	72.10Ah
5 hour rate	(13.20A to 10.20V)	66.00Ah
1 C	(81.00A to 9.60V)	40.50Ah

Weight Approx. 21.6kg (47.6 Lbs.)

Internal Resistance (at 1KHz)

Approx. 4.2 mΩ

Maximum Discharge Current for

5 seconds: 550A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage **14.40 to 15.00V**

Coefficient -5.0mv/°C/cell

Maximum Charging Current: **18A**

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 **92%**

3 month **90%**

6 month **80%**

Case Material ABS UL94HB

(Option: ABS UL94 V-0 flame retardant)

Terminal

FM6

Description of torque value of hard ware for the terminals:

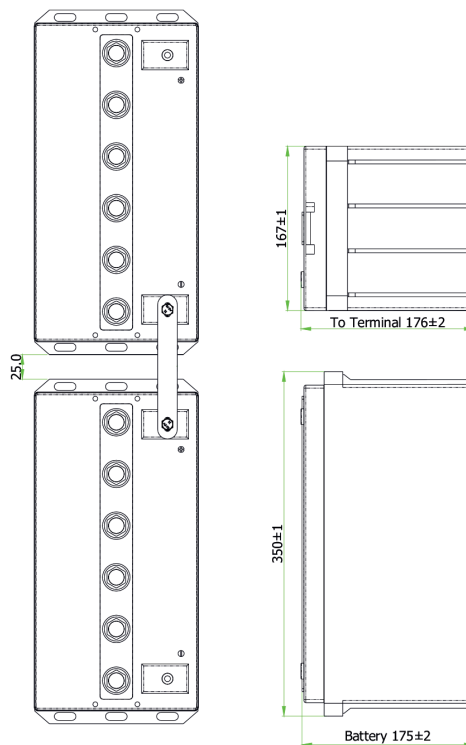
Reccomended torque value **M6: 5.39 N-m (55kg-cm)**

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

ENERGY Cyclic SAFE

Dimensions

mm (inch)



Dimensions: mm. 350 x 167 x 176 H

