

Cod. 084121202

VRLA BATTERY AGM TECHNOLOGY

Revision 1.0

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate	(6.00A to 10.50V)	120.00Ah
10 hour rate	(11.60A to 10.50V)	116.00Ah
5 hour rate	(22.00A to 10.20V)	110.00Ah
1 C	(136.00A to 9.60V)	68.00Ah

Weight Approx. **32.5kg**

Internal Resistance (at 1KHz)

Approx. **3.2 mΩ**

Maximum Discharge Current for

5 seconds: **960A**

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	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:

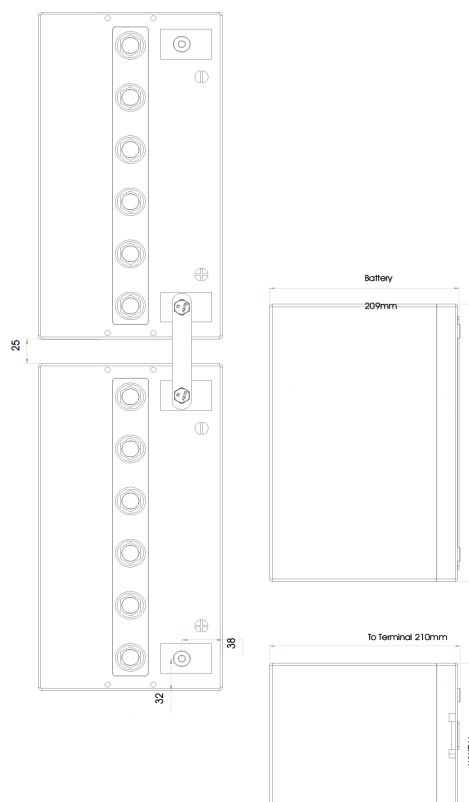
Reccomended torque value **M6: 5.39 N-m (55kg-cm)**

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

ENERGY *Cyclic*
SAFE

Dimensions

mm (inch)



Dimensions: mm. 329 x 173 x 210 H

Cycle Service Life

