

Cod. 00412402

VRLA BATTERY AGM TECHNOLOGY

Revision 4.0

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate	(2.25A to 10.50V)	45.0Ah
10 hour rate	(4.275A to 10.50V)	42.75Ah
5 hour rate	(7.65A to 10.20V)	38.25Ah
1 C	(45A to 9.60V)	25.5Ah
3 C	(135A to 9.60V)	18.0Ah

Weight Approx. 14.5kg (31.9 Lbs.)

Internal Resistance (at 1KHz) Approx. 7 mΩ

Maximum Discharge Current for 5 seconds: 540A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 14.4 to 15.0V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 13.5A

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

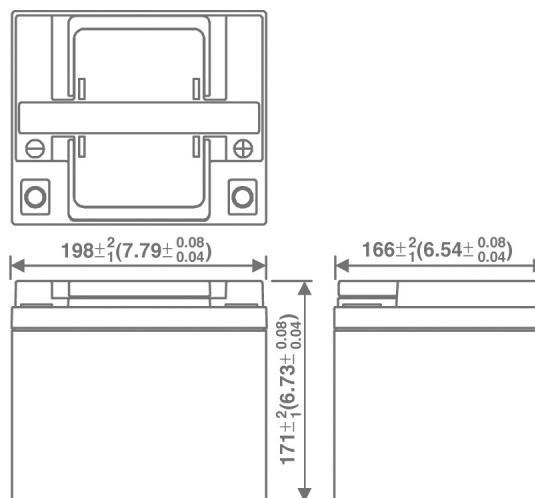
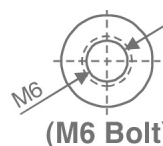
Description of torque value of hard ware for the terminals:

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. 198 x 166 x 171 H

