

Cod. 00412152

VRLA BATTERY AGM TECHNOLOGY

Revision 4.0

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20 hour rate	(0.9A to 10.50V)	18Ah
10 hour rate	(1.71A to 10.50V)	17.1Ah
5 hour rate	(3.06A to 10.20V)	15.3Ah
1 C	(18A to 9.60V)	10.2Ah
3 C	(54A to 9.60V)	7.2Ah

Weight Approx. 6.3kg (13.68 Lbs.)

Internal Resistance (at 1KHz) Approx. 10 mΩ

Maximum Discharge Current for 5 seconds: 270A

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 14.4 to 15.0V

Coefficient -5.0mv/°C/cell

Maximum Charging Current: 5.4A

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 FM5

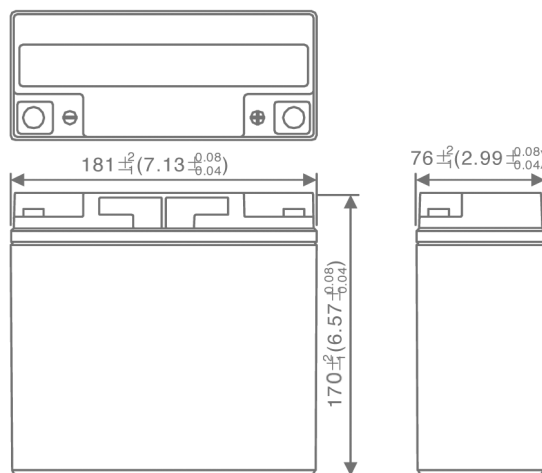
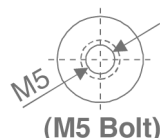
Description of torque value of hard ware for the terminals:

Reccomended torque value **M5: 2.94 N-m (30kg-cm)**

Maximum allowable torque value **M5: 4.90 N-m (50kg-cm)**

ENERGY *Cyclic*
SAFE

Dimensions mm (inch)



Dimensions: mm. 181 x 76 x 167 H

