

12Volt 100Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

| | | | | |
|--------------|-------|----|---------|---------|
| 10 hour rate | (10A | to | 10.80V) | 100Ah |
| 5 hour rate | (17A | to | 10.20V) | 85Ah |
| 1 hour rate | (60A | to | 9.60V) | 60Ah |
| 1 C | (100A | to | 9.60V) | 63.33Ah |

Weight **Approx. 32.5kg(71.5Lbs.)**

Internal Resistance (at 1KHz) **Approx. 5 mΩ**

Maximum Discharge Current for

5 seconds: **1200A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mv/ /cell**

Maximum Charging Current : **30A**

Standby use:

Float Charging Voltage **13.50 to 13.80V**

Coefficient **-3.0mv/ /cell**

Operating Temperature Range

Charge **-15 (5) to 40 (104)**

Discharge **-15 (5) to 50 (122)**

Storage **-15 (5) to 40 (104)**

Charge Retention (shelf life) at 20 (68)

1 month **98%**

3 month **94%**

6 month **85%**

Case Material **ABS**

(UL94 HB flame retardant)

Terminal **F16**

Description of torque value of hard ware for the terminals:

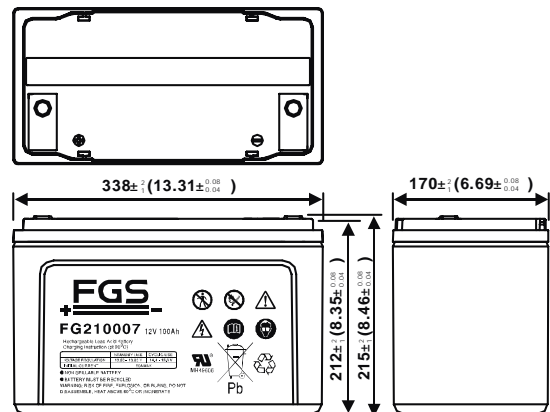
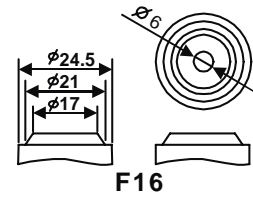
Recommended torque value **M6: 5.39 N-m (55kg-cm)**

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



Dimensions

mm(inch)



Discharge Time VS. Discharge Current (25)

