

## 12Volt 120Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

10 hour rate	(12A	to	10.80V)	120Ah
5 hour rate	(20.4A	to	10.20V)	102Ah
1 hour rate	(72A	to	9.60V)	72Ah
1 C	(120A	to	9.60V)	76Ah

Weight **Approx. 43kg(94.6Lbs.)**

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 : **39A**

##### 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:

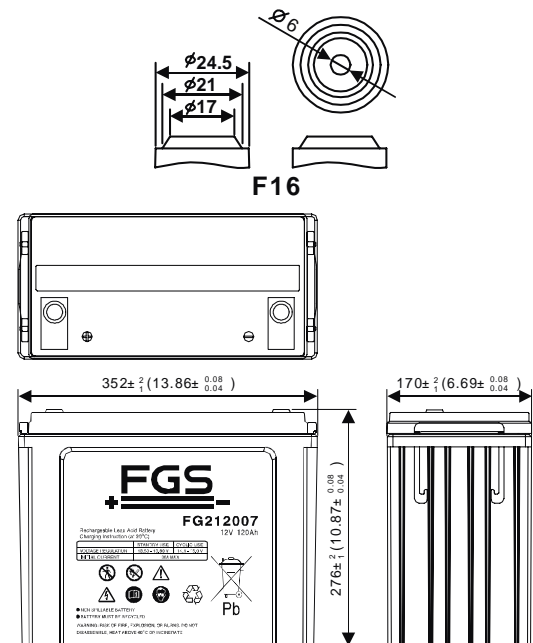
Recommended torque value **M6: 5.39 N-m (55kg-cm)**

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



### Dimensions

mm(inch)



#### Discharge Time VS. Discharge Current (25 )

