



# 12FGHL100

## 12Volt 24Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(1.2A	to	10.50V)	24Ah
10 hour rate	(2.28A	to	10.50V)	22.8Ah
5 hour rate	(4.08A	to	10.20V)	20.4Ah
1 C	(24A	to	9.60V)	13.6Ah
3 C	(72A	to	9.60V)	9.6Ah

Weight **Approx. 9.3kg(20.46Lbs.)**

Internal Resistance (at 1KHz) **Approx. 11 mΩ**

#### Maximum Discharge Current for

5 seconds: **360A**

#### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **7.2A**

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 **92%**

3 month **90%**

6 month **80%**

Case Material **ABS**

(UL94 HB flame retardant )

Terminal **F6**

Description of torque value of hard ware for the terminals:

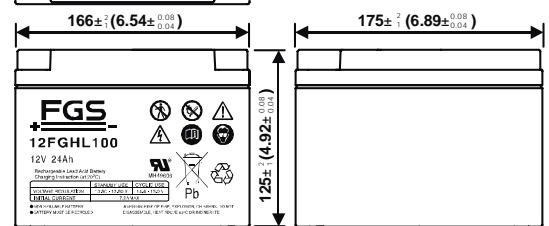
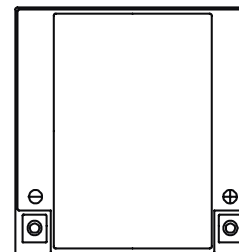
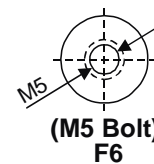
Recommended torque value **M5: 2.94 N-m (30kg-cm)**

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



### Dimensions

mm(inch)



(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25 )

