



# 12FGHL48

## 12Volt 12Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(0.6A	to	10.50V)	12Ah
10 hour rate	(1.14A	to	10.50V)	11.4Ah
5 hour rate	(2.04A	to	10.20V)	10.2Ah
1 C	(12A	to	9.60V)	6.8Ah
3 C	(36A	to	9.60V)	4.8Ah

Weight **Approx. 4.1kg(9.02Lbs.)**

Internal Resistance (at 1KHz) **Approx. 13 mΩ**

#### Maximum Discharge Current for

5 seconds: **180A**

#### Charging Methods at 25 (77 )

##### Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **3.6A**

##### 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 )

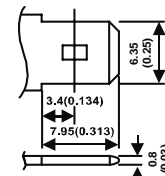
#### Terminal

**F2 (Faston Tab 250)**

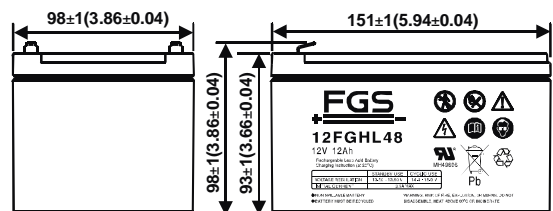
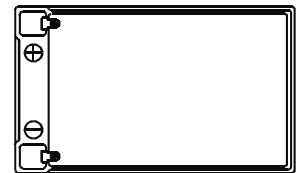


### Dimensions

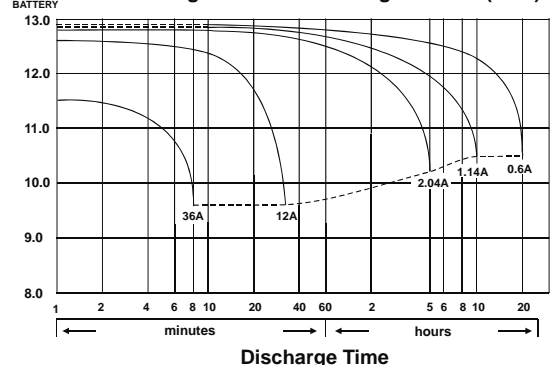
mm(inch)



F2 (Faston Tab 250)



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



270513-1A-FGS