



FGL1235W

12Volt 35W

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

15 min rate	(210W to 9.60V)	52.5Wh
5 hour rate	(1.53A to 10.20V)	7.65Ah
1 C	(9A to 9.60V)	5.7Ah
3 C	(27A to 9.60V)	3.6Ah

Weight **Approx. 2.7kg(5.94Lbs.)**

Internal Resistance (at 1KHz) **Approx. 14 mΩ**

Maximum Discharge Current for 5 seconds: **135A**

Charging Methods at 25°C(77°F)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mV/°C/cell**

Maximum Charging Current : **2.7A**

Standby use:

Float Charging Voltage **13.5 to 13.8V**

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%**

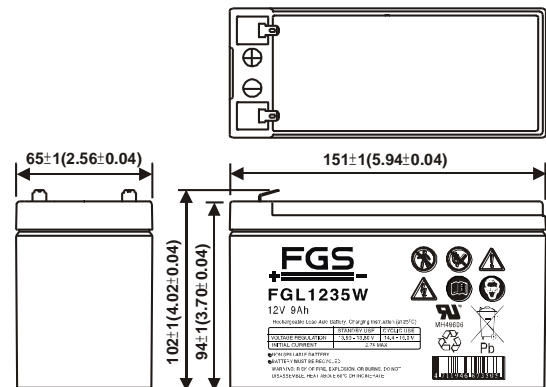
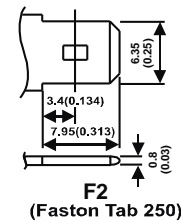
Case Material **ABS UL94 HB**

Terminal **F2 (Faston Tab 250)**

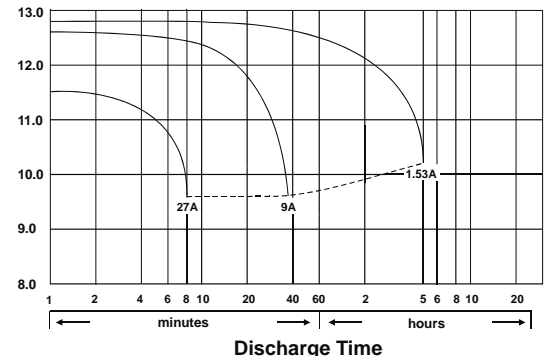


Dimensions

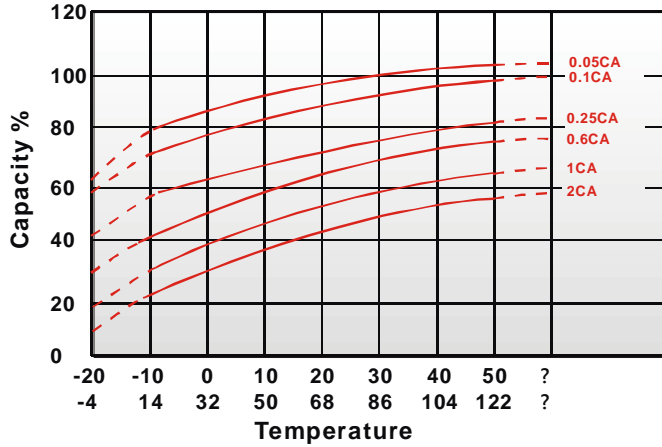
mm(inch)



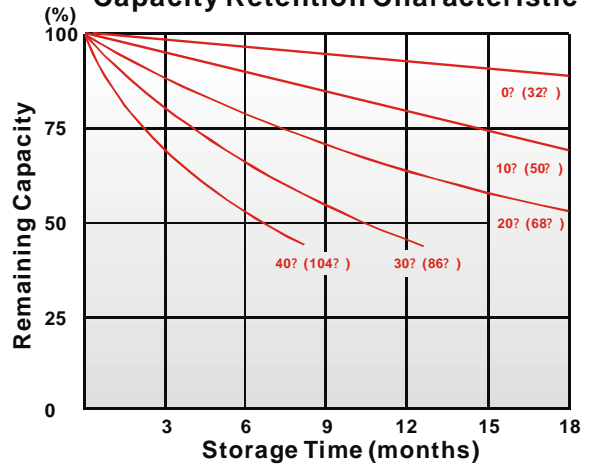
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life

