



FGL25507

12Volt 55Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(2.75A to 10.50V)	55Ah
10 hour rate	(5.225A to 10.50V)	52.25Ah
5 hour rate	(9.35A to 10.20V)	46.75Ah
1 C	(55A to 9.60V)	34.83Ah
3 C	(165A to 9.60V)	22Ah

Weight **Approx. 17.0kg(37.4Lbs.)**

Internal Resistance (at 1KHz) **Approx. 8 mΩ**

Maximum Discharge Current for 5 seconds: **660A**

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current :	16.5A
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	98%
3 month	94%
6 month	85%

Case Material **ABS UL94 HB**

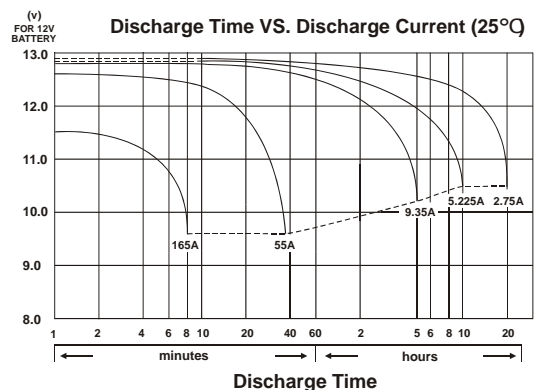
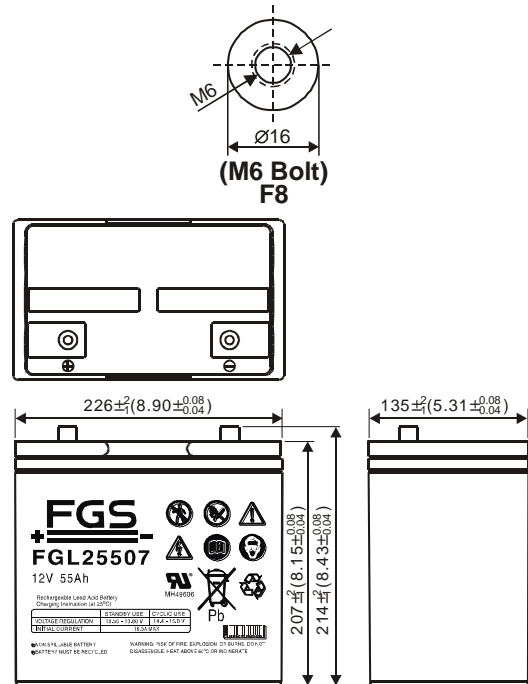
Terminal **F8**

Description of torque value of hard ware for the terminals:
 Recommended torque value **M6: 7 N-m (71kgf-cm)**
 Maximum allowable torque value **M6: 9 N-m (92kgf-cm)**

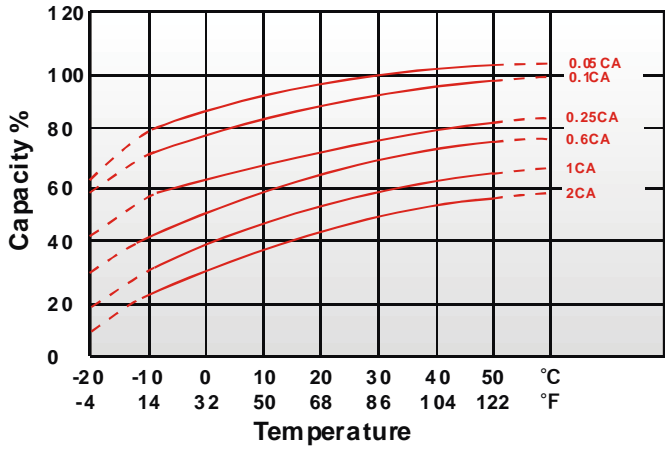


Dimensions

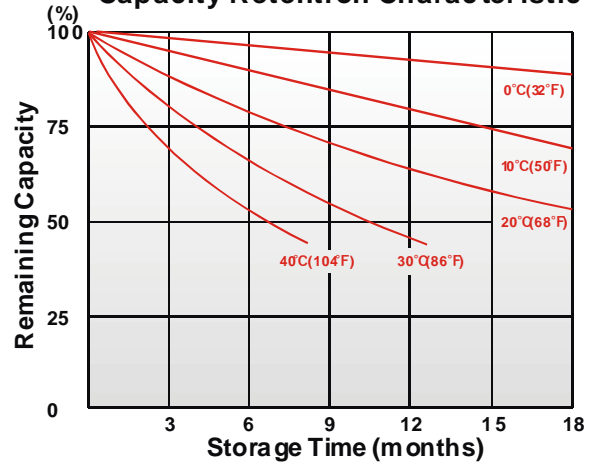
mm(inch)



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



Capacity Retention Characteristic



Trickle (or float) Service Life

