



# FGL220009

## 12Volt 200Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

10 hour rate	(20A	to	10.80V)	200Ah
5 hour rate	(34A	to	10.20V)	170Ah
1 hour rate	(120A	to	9.60V)	120Ah

Weight **Approx. 61.5kg(135Lbs.)**

Internal Resistance (at 1KHz) **Approx. 3 mΩ**

Maximum Discharge Current for 5 seconds: **1600A**

#### Charging Methods at 25°C(77°F)

<b>Cycle use:</b>	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mV/°C/cell
Maximum Charging Current :	60A
<b>Standby use:</b>	
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)

Design Life **12 years**

#### Charge Retention (shelf life) at 20°C(68°F)

1 month	98%
3 month	94%
6 month	85%

Case Material **ABS UL94 HB**

Terminal **F18**

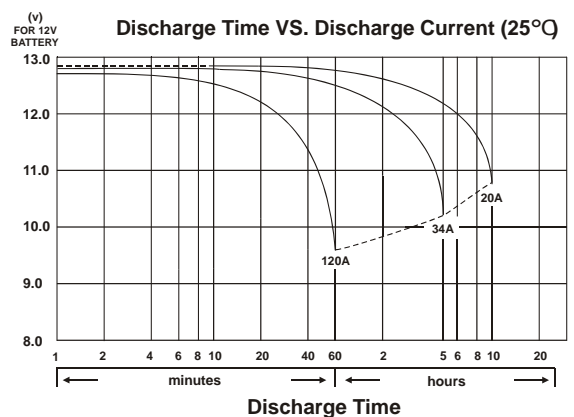
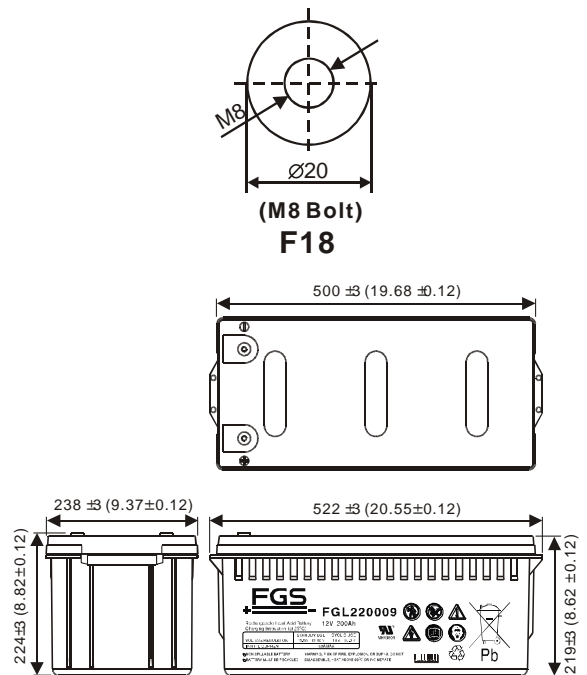
#### Description of torque value of hard ware for the terminals:

Recommended torque value	M8: 7 N-m (71kgf-cm)
Maximum allowable torque value	M8: 9 N-m (92kgf-cm)

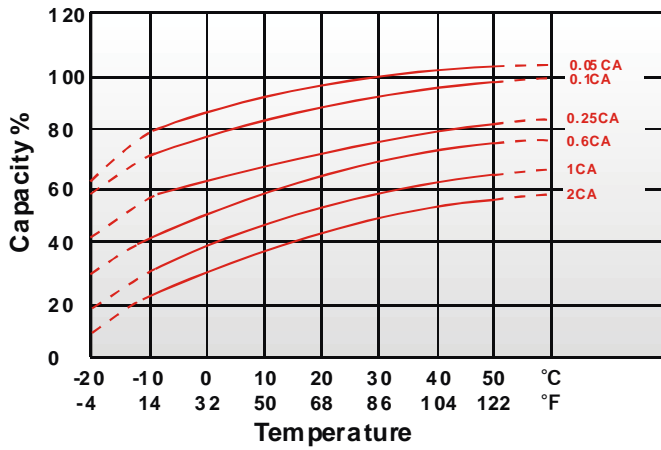


### Dimensions

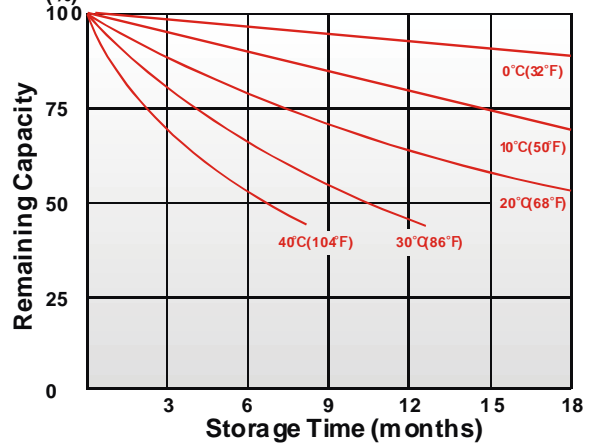
mm(inch)



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



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**

