



FGL215009

12Volt 150Ah

Specifications

Nominal Voltage(V) 12V

Nominal Capacity

10 hour rate	(15A	to	10.80V)	150Ah
5 hour rate	(25.5A	to	10.20V)	127.5Ah
1 hour rate	(90A	to	9.60V)	90Ah

Weight Approx. 45.5kg(100Lbs.)

Internal Resistance (at 1KHz) Approx. 4.8 mΩ

Maximum Discharge Current for 5 seconds: 1500A

Charging Methods at 25°C(77°F)

Cycle use:
Charging Voltage 14.4 to 15.0V
Coefficient -5.0mV/°C/cell
Maximum Charging Current : 45A
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)

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

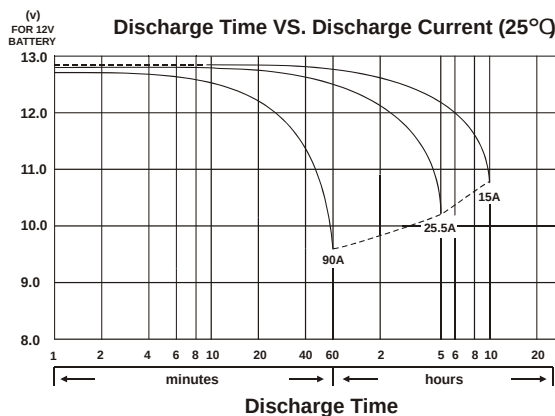
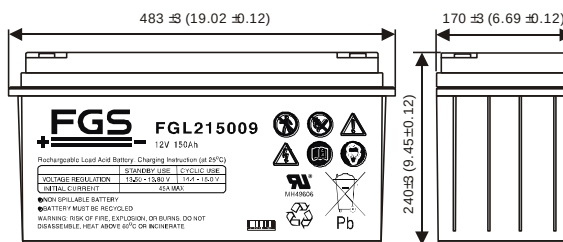
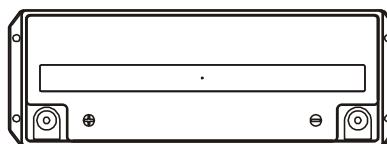
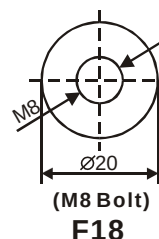
Description of torque value of hard ware for the terminals:

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

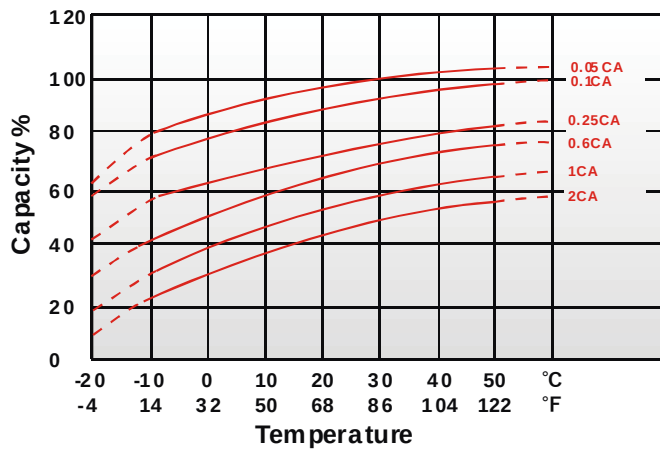


Dimensions

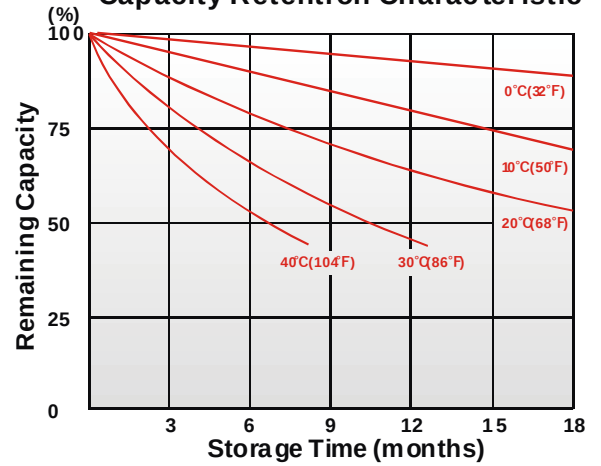
mm(inch)



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



Capacity Retention Characteristic



Trickle (or float) Service Life

