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FGC22208

12Volt 22Ah

Specifications

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(1.1A	to	10.50V)	22Ah
10 hour rate	(2.09A	to	10.50V)	20.9Ah
5 hour rate	(3.74A	to	10.20V)	18.7Ah
1 C	(22A	to	9.60V)	13.93Ah
3 C	(66A	to	9.60V)	8.8Ah

Weight Approx. 6.7kg(14.74Lbs.)

Internal Resistance (at 1KHz) Approx. 9 mΩ

Maximum Discharge Current for 5 seconds: 330A

Charging Methods at 25 (77)

Cycle use:

Charging Voltage 14.4 to 15.0V

Coefficient -5.0mv/ /cell

Maximum Charging Current : 6.6A

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 F8

Description of torque value of hard ware for the terminals:

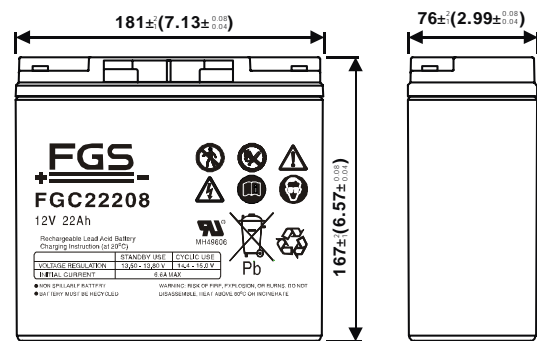
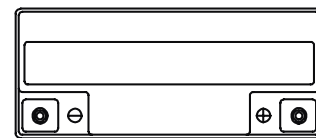
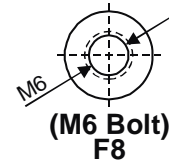
Recommended torque value M6: 5.39 N-m (55kg-cm)

Maximum allowable torque value M6: 8.82 N-m (90kg-cm)

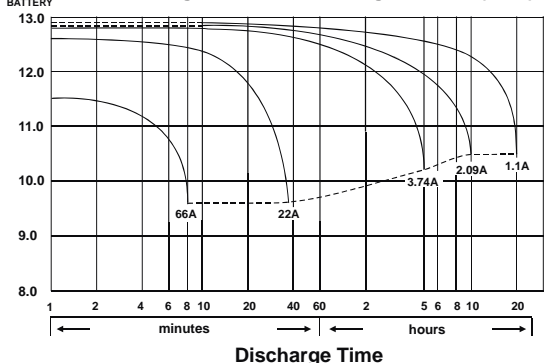


Dimensions

mm(inch)

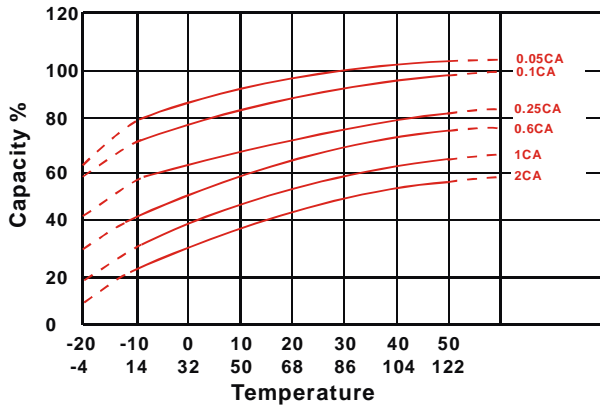


(v) Discharge Time VS. Discharge Current (25) FOR 12V BATTERY

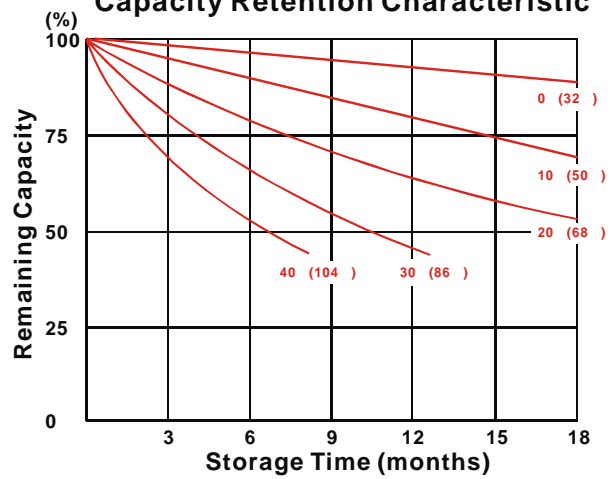




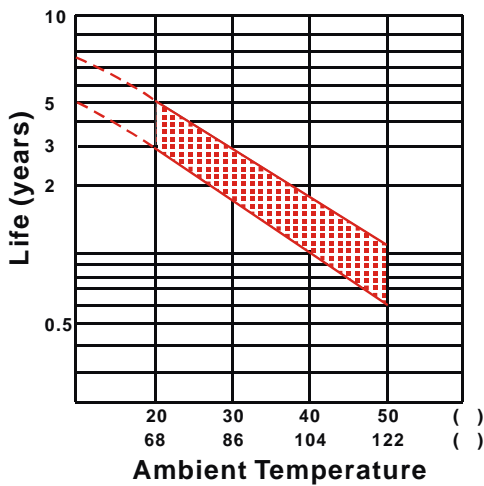
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

