



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:

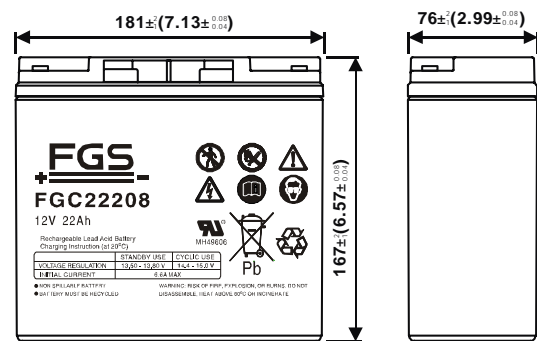
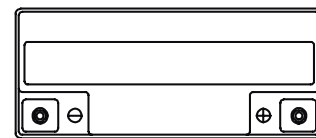
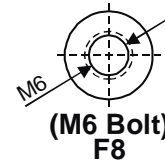
Recommended torque value **M6: 5.39 N-m (55kg-cm)**

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

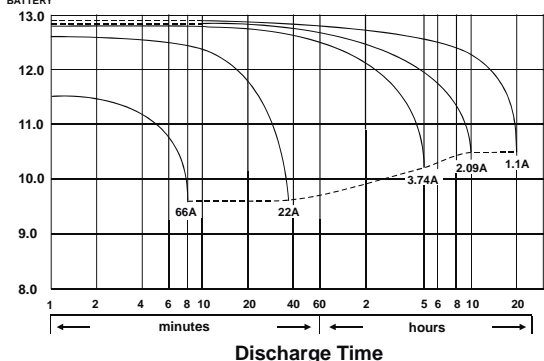


Dimensions

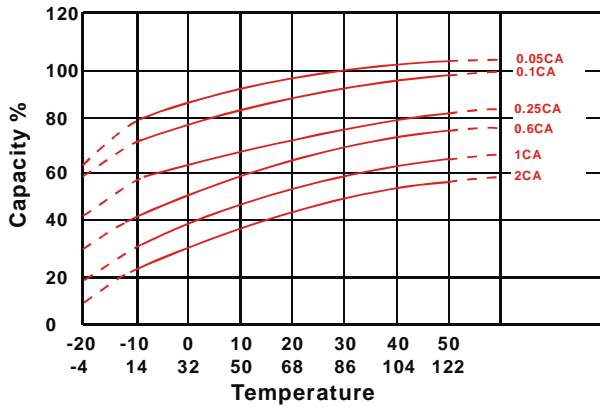
mm(inch)



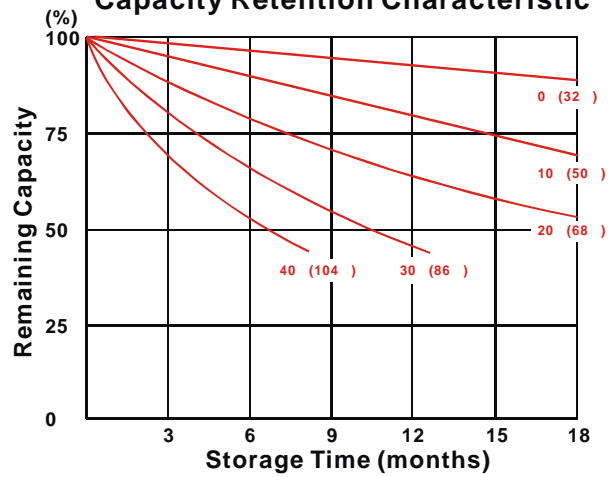
(v) Discharge Time VS. Discharge Current (25) FOR 12V BATTERY



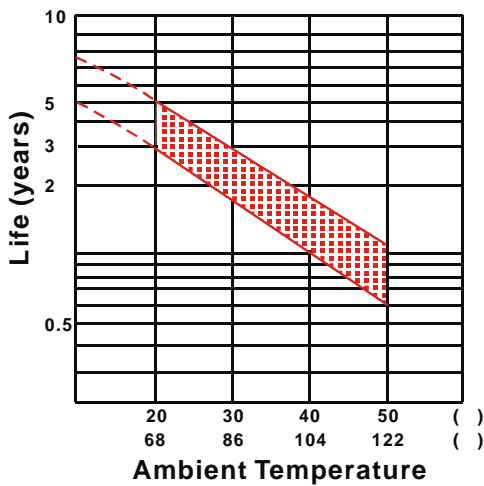
Effect of Temperature on Capacity 25 (77 °)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

