



FGC22805

12Volt 28Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(1.4A)	to	10.50V	28Ah
10 hour rate	(2.66A)	to	10.50V	26.6Ah
5 hour rate	(4.76A)	to	10.20V	23.8Ah
1 C	(28A)	to	9.60V	15.87Ah
3 C	(84A)	to	9.60V	11.2Ah

Weight **Approx. 9.3kg(20.46Lbs.)**

Internal Resistance (at 1KHz) **Approx. 11 mΩ**

Maximum Discharge Current for

5 seconds: **420A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **8.4A**

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

F6

Description of torque value of hard ware for the terminals:

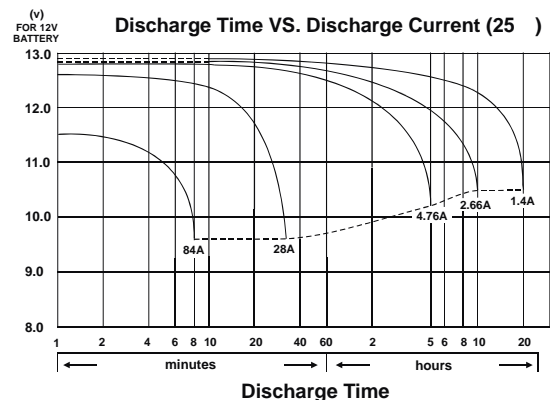
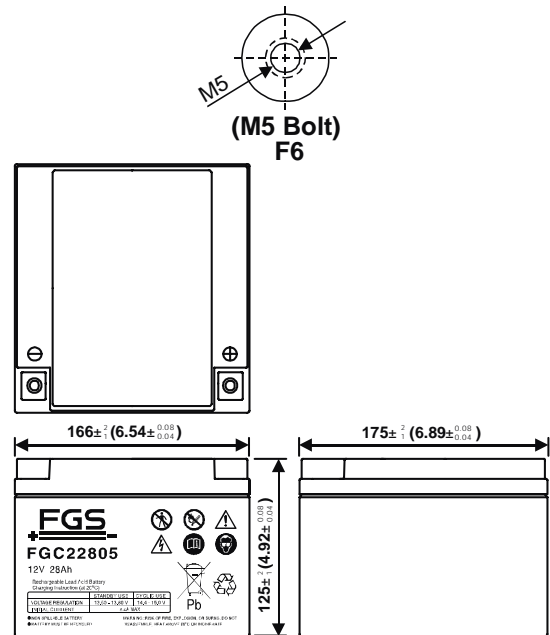
Recommended torque value **M5: 2.94 N-m (30kg-cm)**

Maximum allowable torque value **M5: 4.90 N-m (50kg-cm)**



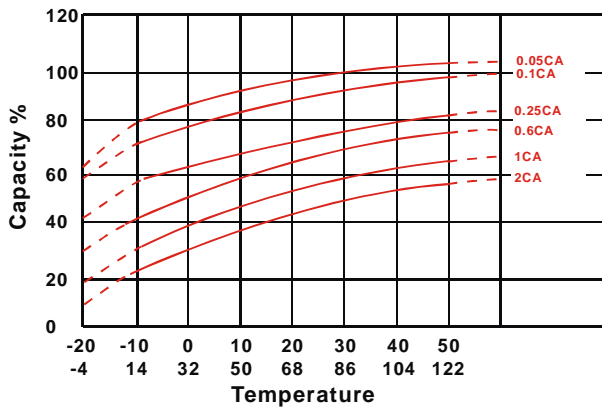
Dimensions

mm(inch)

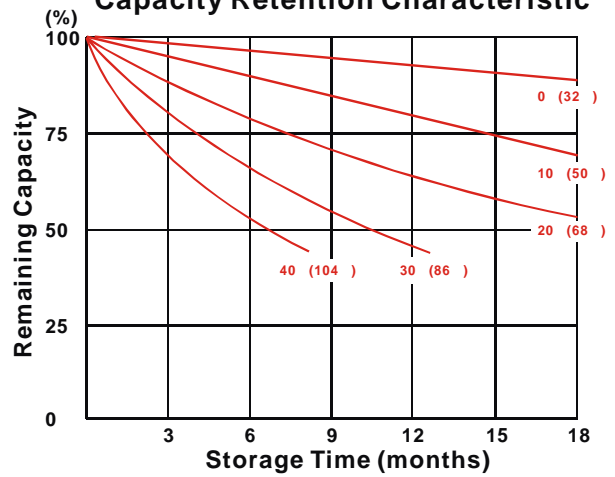


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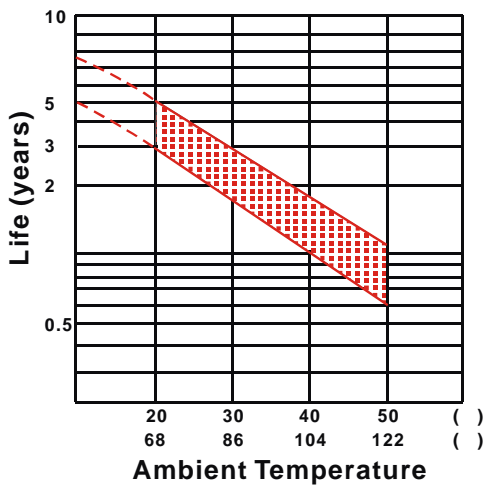
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

