



FGC23405

12Volt 34Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(1.7A	to	10.50V)	34Ah
10 hour rate	(3.23A	to	10.50V)	32.3Ah
5 hour rate	(5.78A	to	10.20V)	28.9Ah
1 C	(34A	to	9.60V)	19.27Ah
3 C	(102A	to	9.60V)	13.6Ah

Weight **Approx. 10.5kg(23.1Lbs.)**

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

Maximum Discharge Current for 5 seconds: **510A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **10.2A**

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:

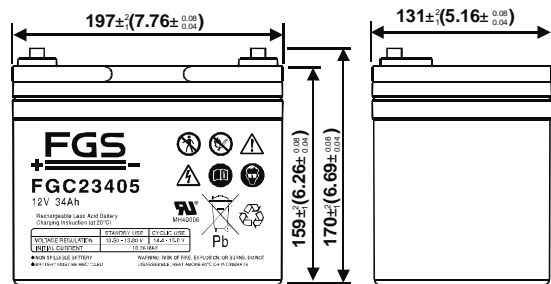
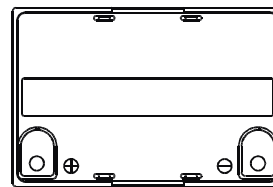
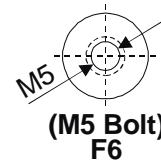
Recommended torque value **M5: 2.94 N-m (30kg-cm)**

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

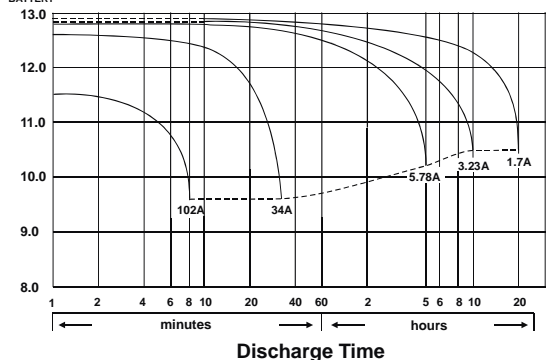


Dimensions

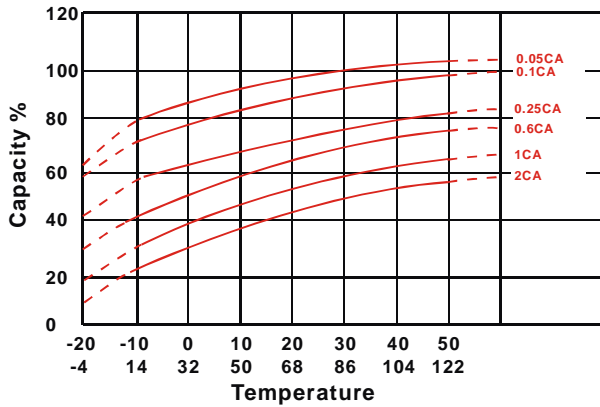
mm(inch)



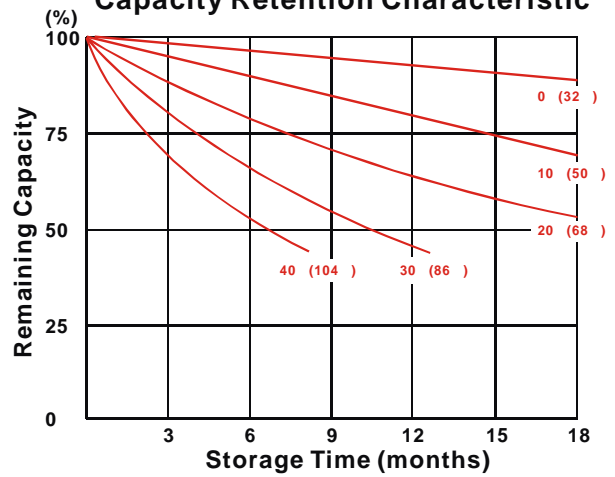
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)



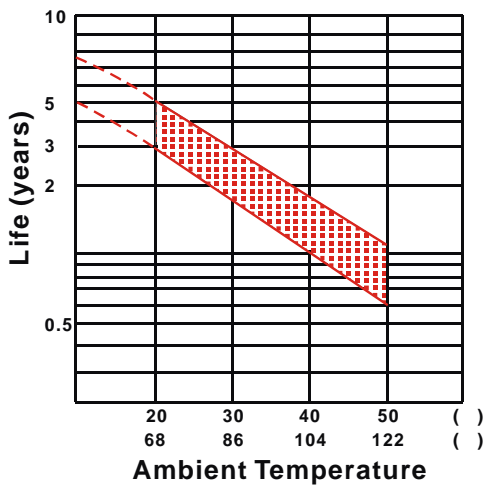
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

