



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:

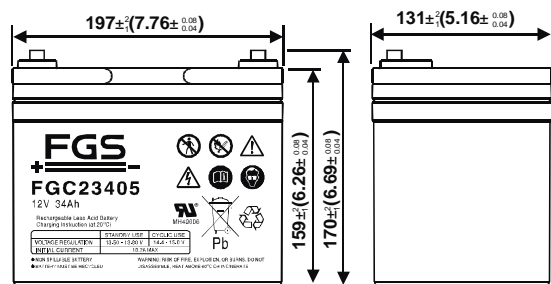
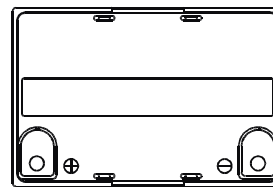
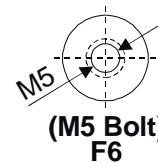
Recommended torque value M5: 2.94 N-m (30kg-cm)

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

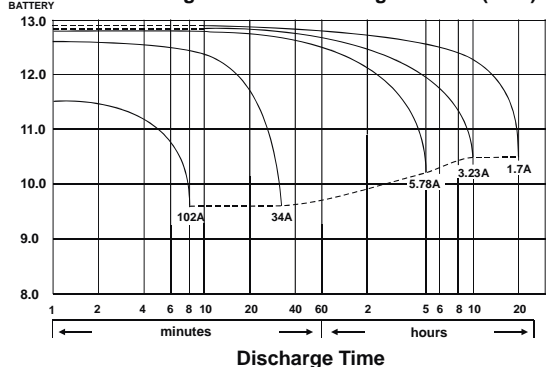


Dimensions

mm(inch)



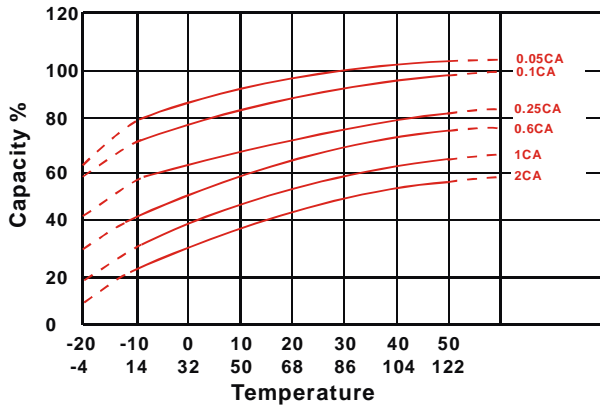
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)



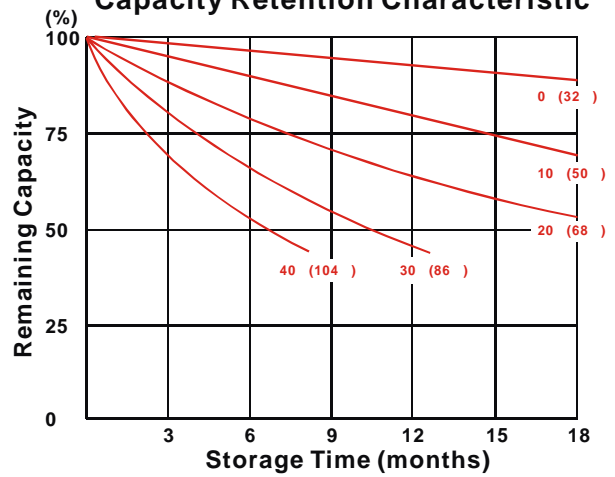


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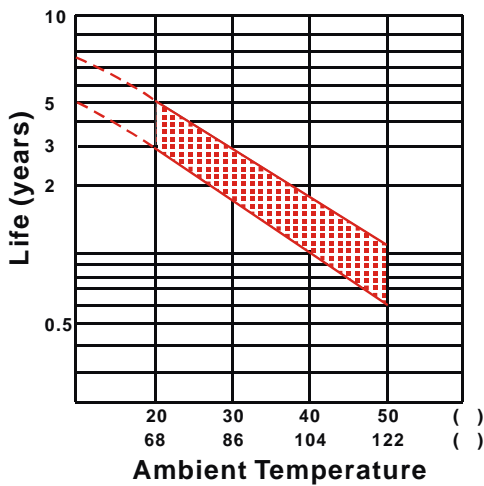
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

