



FGL23405

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)	21.53Ah
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°C(77°F)

Cycle use:
Charging Voltage 14.4 to 15.0V
Coefficient -5.0mV/°C/cell
Maximum Charging Current : 10.2A
Standby use:
Float Charging Voltage 13.5 to 13.8V
Coefficient -3.0mV/°C/cell

Operating Temperature Range

Charge	-15°C(5°F)	to	40°C(104°F)
Discharge	-15°C(5°F)	to	50°C(122°F)
Storage	-15°C(5°F)	to	40°C(104°F)

Charge Retention (shelf life) at 20°C(68°F)

1 month	92%
3 month	90%
6 month	80%

Case Material ABS UL94 HB

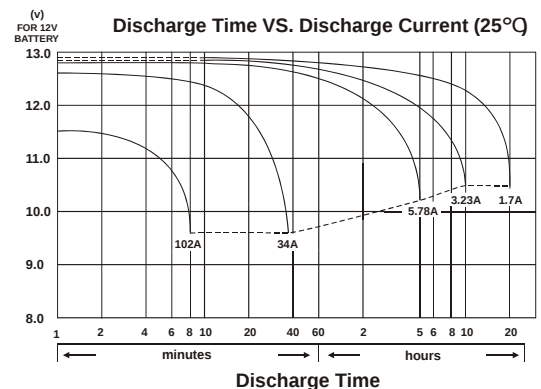
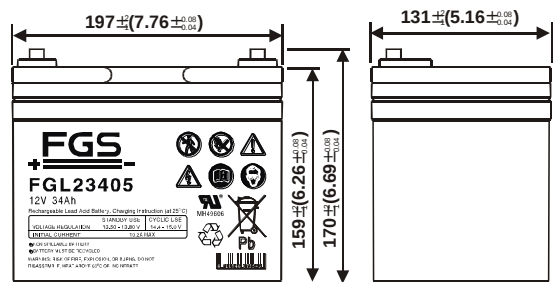
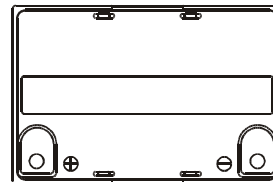
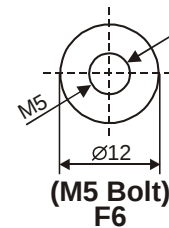
Terminal F6

Description of torque value of hard ware for the terminals:
Recommended torque value M5: 5 N-m (51kgf-cm)
Maximum allowable torque value M5: 6 N-m (61kgf-cm)

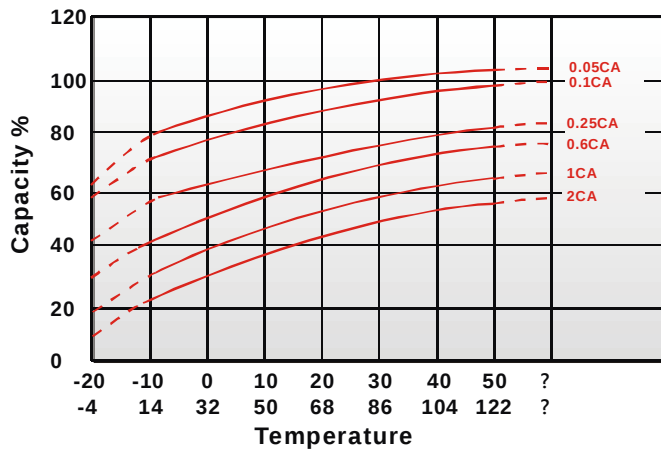


Dimensions

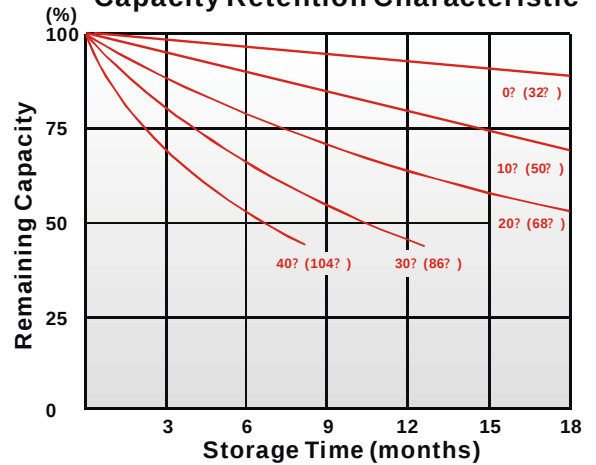
mm(inch)



Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life

