



FGC21202

## 12Volt 12Ah

### Specifications

Nominal Voltage(V) 12V

#### Nominal Capacity

20 hour rate	(0.6A	to	10.50V)	12Ah
10 hour rate	(1.14A	to	10.50V)	11.4Ah
5 hour rate	(2.04A	to	10.20V)	10.2Ah
1 C	(12A	to	9.60V)	7.6Ah
3 C	(36A	to	9.60V)	4.8Ah

Weight Approx. 4.1kg(9.02Lbs.)

Internal Resistance (at 1KHz) Approx. 13 mΩ

#### Maximum Discharge Current for

5 seconds: 180A

#### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage 14.4 to 15.0V

Coefficient -5.0mv/ /cell

Maximum Charging Current : 3.6A

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

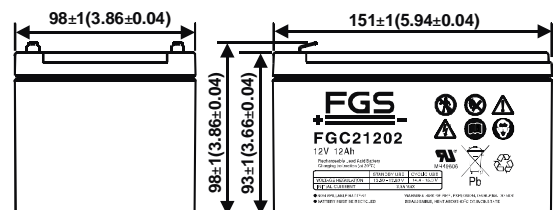
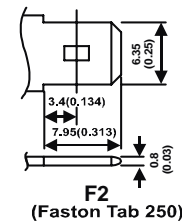
(UL94 HB flame retardant )

Terminal F2 (Faston Tab 250)

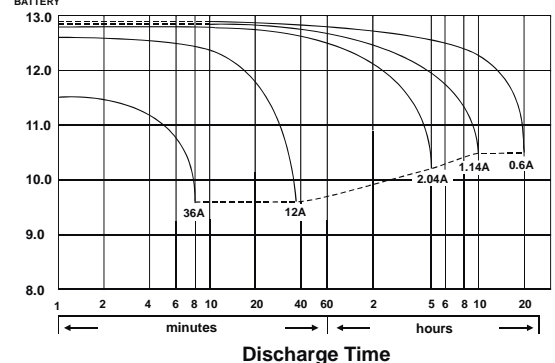


### Dimensions

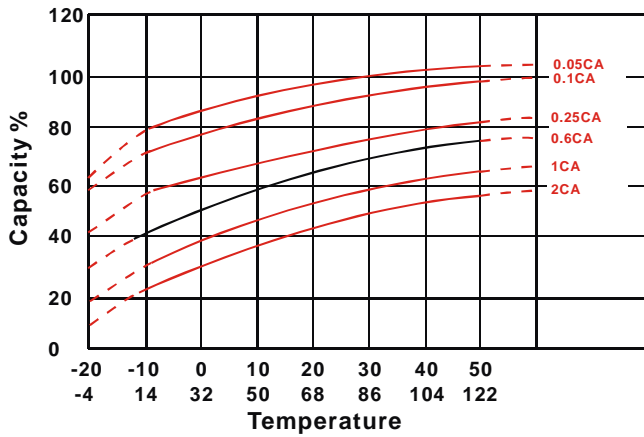
mm(inch)



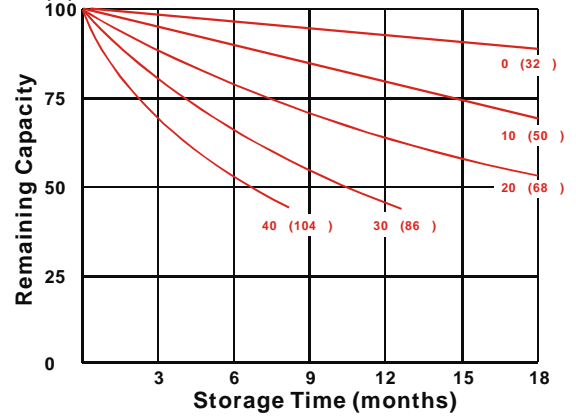
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25 )



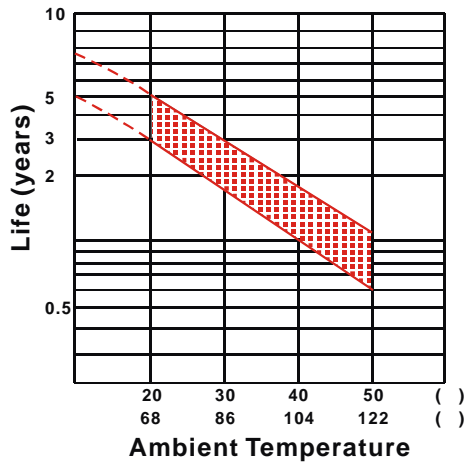
**Effect of Temperature on Capacity 25 (77 )**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

