



FG10121

6Volt 1.2Ah

## Specifications

Nominal Voltage(V) **6V**

### Nominal Capacity

20 hour rate	(0.06A to 5.25V)	1.2Ah
10 hour rate	(0.114A to 5.25V)	1.14Ah
5 hour rate	(0.204A to 5.1V)	1.02Ah
1 C	(1.2A to 4.8V)	0.68Ah
3 C	(3.6A to 4.8V)	0.48Ah

Weight **Approx. 310g(0.68Lbs.)**

Internal Resistance (at 1KHz) **Approx. 41 mΩ**

### Maximum Discharge Current for

5 seconds: **18A**

### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **0.36A**

Standby use:

Float Charging Voltage **6.75 to 6.90V**

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**

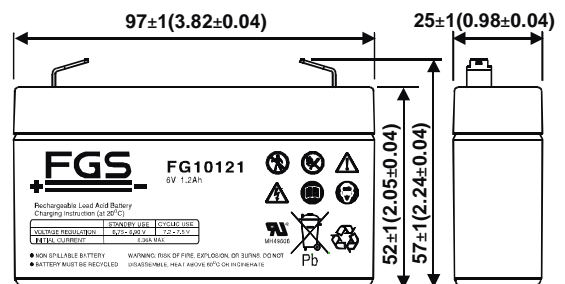
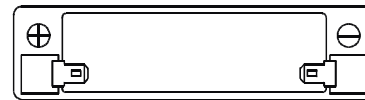
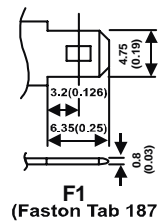
(UL94 HB flame retardant )

Terminal **F1 (Faston Tab 187)**

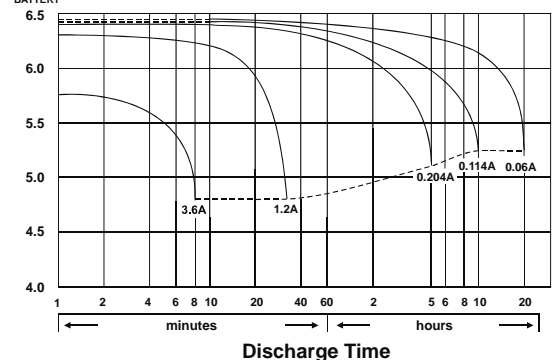


## Dimensions

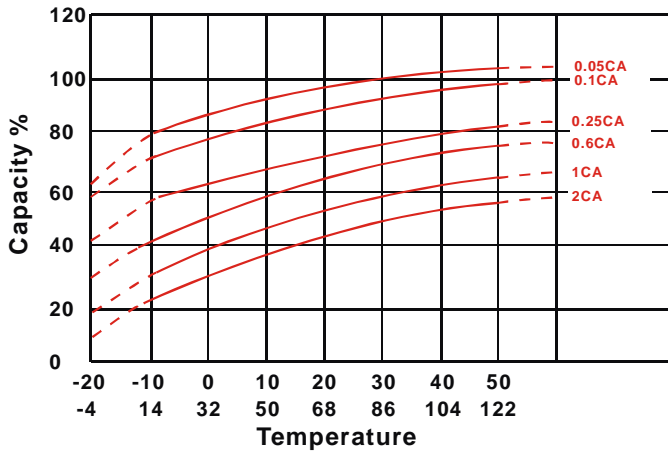
mm(inch)



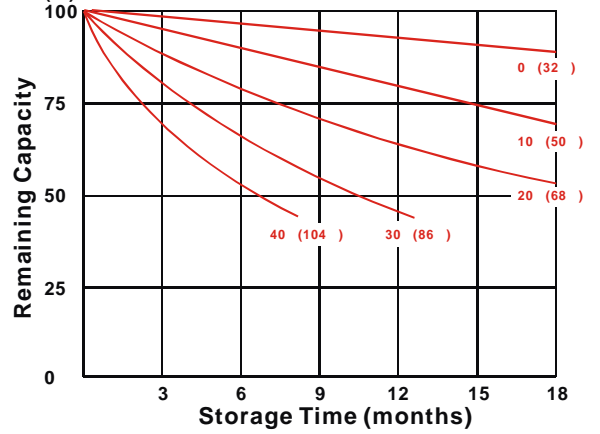
### (v) FOR 6V BATTERY Discharge Time VS. Discharge Current (25 )



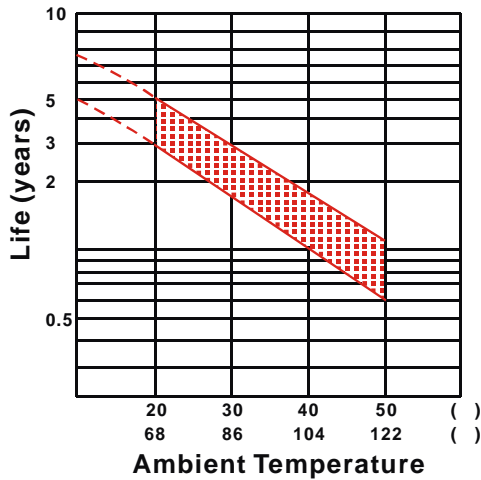
**Effect of Temperature on Capacity 25 (77 °)**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

