



# FG10451

## 6Volt 4.5Ah

### Specifications

Nominal Voltage(V) **6V**

#### Nominal Capacity

20 hour rate	(0.225A to	5.25V)	4.5Ah
10 hour rate	(0.428A to	5.25V)	4.275Ah
5 hour rate	(0.765A to	5.1V)	3.825Ah
1 C	(4.5A to	4.8V)	2.55Ah
3 C	(13.5A to	4.8V)	1.8Ah

Weight **Approx. 910g(2.0Lbs.)**

Internal Resistance (at 1KHz) **Approx. 18 mΩ**

Maximum Discharge Current for 5 seconds: **67.5A**

#### Charging Methods at 25 (77 )

Cycle use:	
Charging Voltage	7.20 to 7.50V
Coefficient	-5.0mv/ /cell
Maximum Charging Current :	1.35A
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**

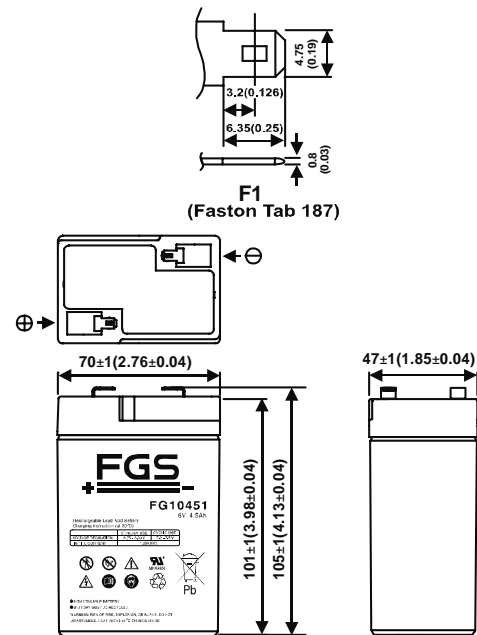
(UL94 HB flame retardant )

Terminal **F1 (Faston Tab 187)**

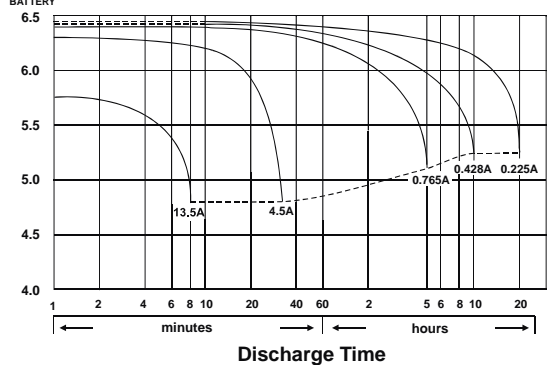


### Dimensions

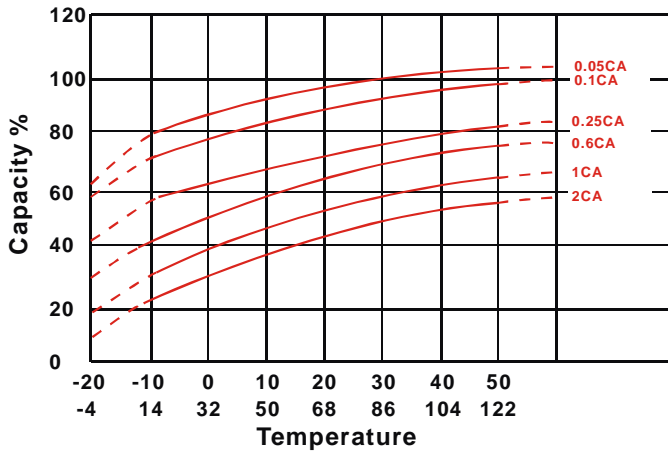
mm(inch)



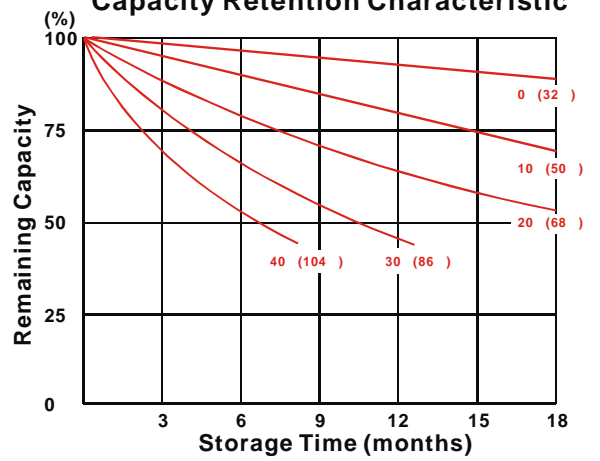
(v) FOR 6V BATTERY Discharge Time VS. Discharge Current (25 )



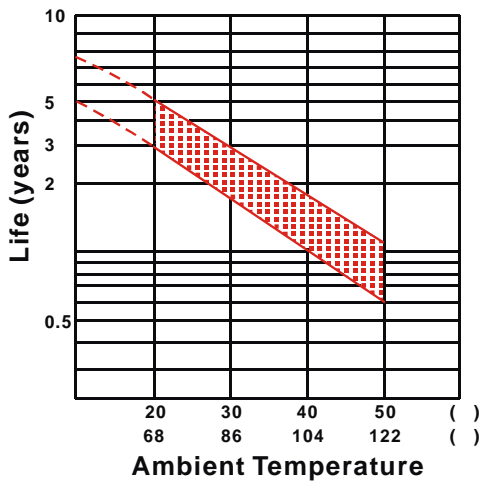
**Effect of Temperature on Capacity 25 (77 °)**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

