



FGC20501

12Volt 5Ah

Specifications

Nominal Voltage(V) 12V

Nominal Capacity

20 hour rate	(0.25A to 10.50V)	5Ah
10 hour rate	(0.475A to 10.50V)	4.75Ah
5 hour rate	(0.85A to 10.20V)	4.25Ah
1 C	(5A to 9.60V)	2.833Ah
3 C	(15A to 9.60V)	2.0Ah

Weight Approx. 1.9kg(4.18Lbs.)

Internal Resistance (at 1KHz) Approx. 19 mΩ

Maximum Discharge Current for 5 seconds: 75A

Charging Methods at 25 (77 )

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient	-5.0mV/ /cell
Maximum Charging Current :	1.5A
Standby use:	
Float Charging Voltage	13.5 to 13.8V
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%

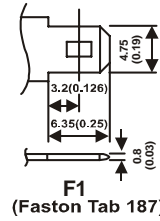
Case Material ABS UL94 HB

Terminal F1 (Faston Tab 187)

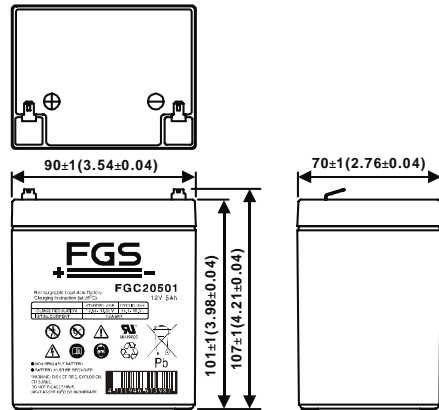


Dimensions

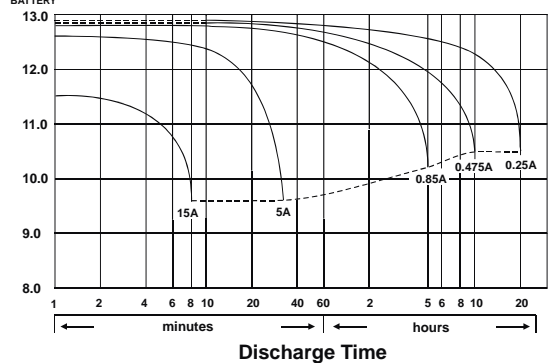
mm(inch)



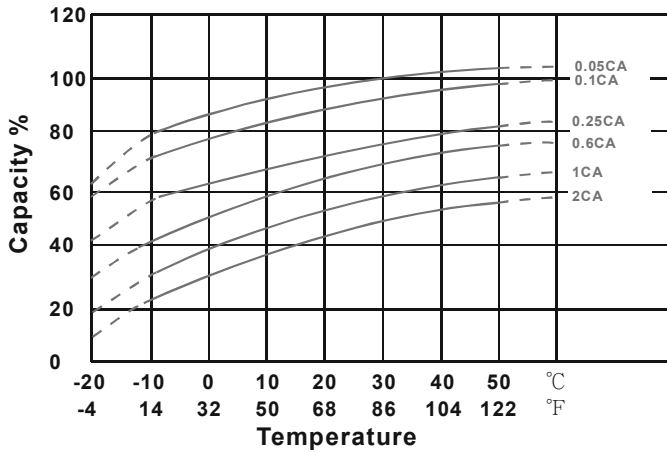
F1 (Faston Tab 187)



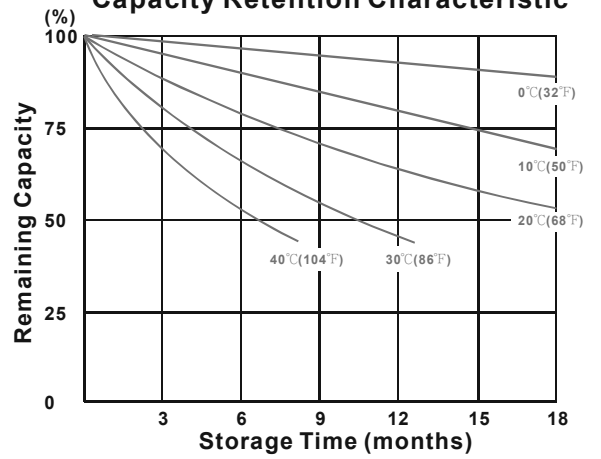
Discharge Time VS. Discharge Current (25 )



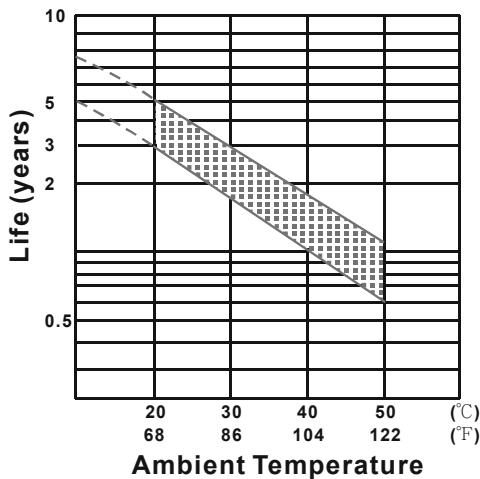
### Effect of Temperature on Capacity 25°C(77°F)



### Capacity Retention Characteristic



### Trickle (or float) Service Life



### Cycle Service Life

