



FG20701

12Volt 7Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(0.35A	to	10.50V)	7Ah
10 hour rate	(0.63A	to	10.50V)	6.3Ah
5 hour rate	(1.131A	to	10.20V)	5.65Ah
1 C	(7A	to	9.60V)	3.5Ah
3 C	(21A	to	9.60V)	2.1Ah

Weight **Approx. 2.1kg(4.62Lbs.)**

Internal Resistance (at 1KHz) **Approx. 28 mΩ**

Maximum Discharge Current for 5 seconds: **105A**

Charging Methods at 25°C(77°F)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mV/°C /cell**

Maximum Charging Current : **2.1A**

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%**

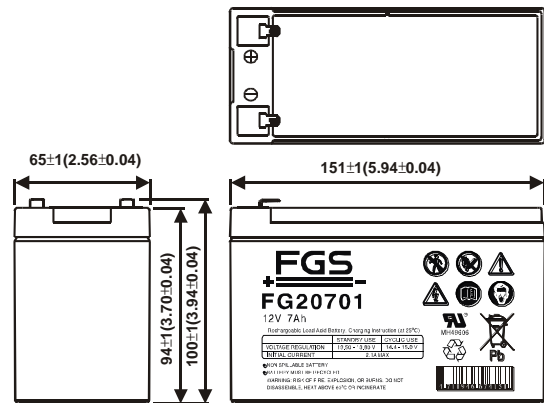
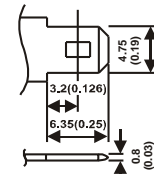
Case Material **ABS UL94 HB**

Terminal **F1 (Faston Tab 187)**

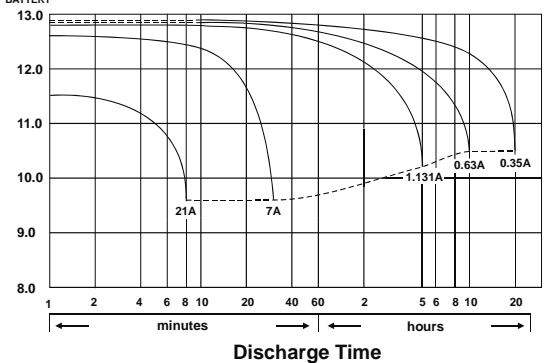


Dimensions

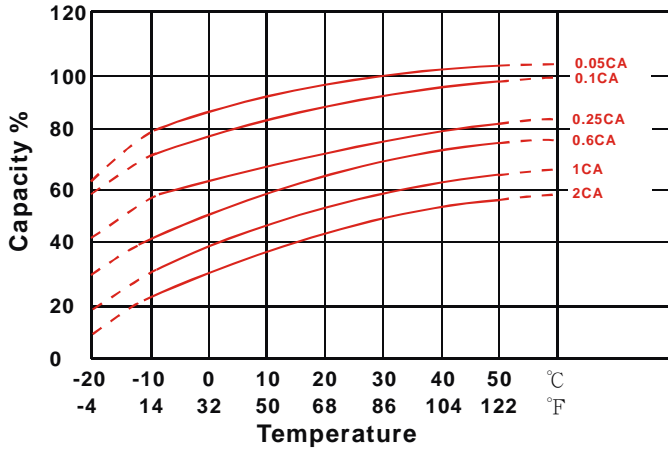
mm(inch)



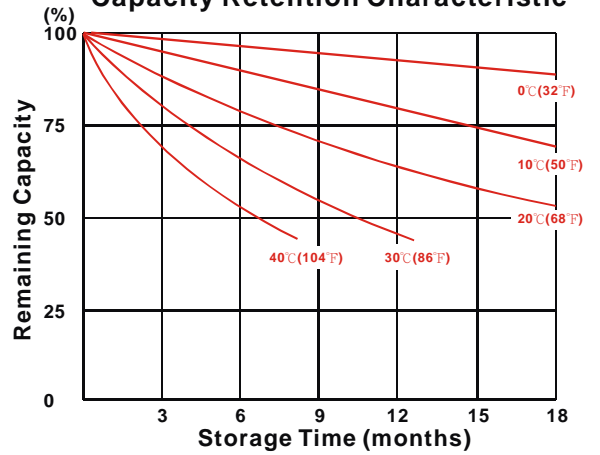
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



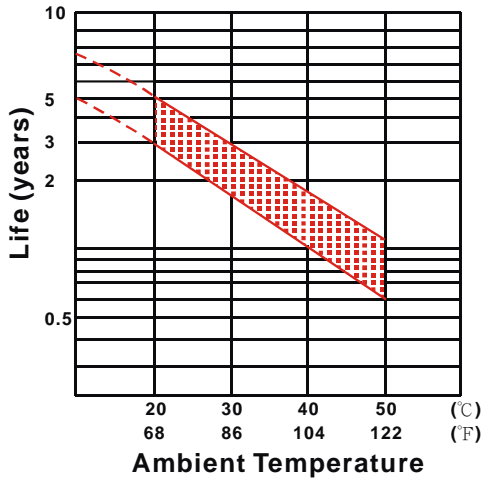
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

