

12Volt 2.2Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(0.11A	to	10.50V)	2.2Ah
10 hour rate	(0.209A	to	10.50V)	2.09Ah
5 hour rate	(0.374A	to	10.20V)	1.87Ah
1 C	(2.2A	to	9.60V)	1.25Ah
3 C	(6.6A	to	9.60V)	0.88Ah

Weight **Approx. 1.1kg(2.42Lbs.)**

Internal Resistance (at 1KHz) **Approx. 37 mΩ**

Maximum Discharge Current for

5 seconds: **33A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **0.66A**

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**

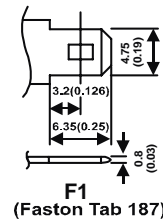
(UL94 HB flame retardant)

Terminal **F1 (Faston Tab 187)**

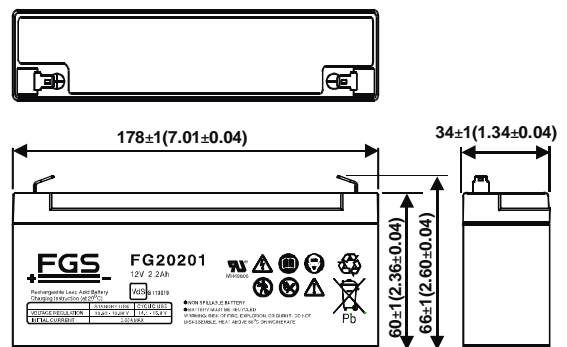


Dimensions

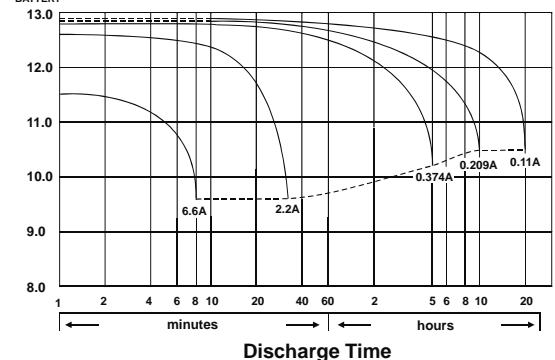
mm(inch)



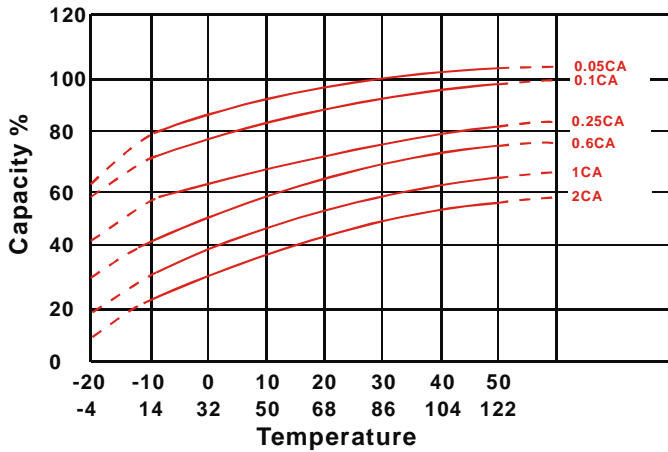
F1 (Faston Tab 187)



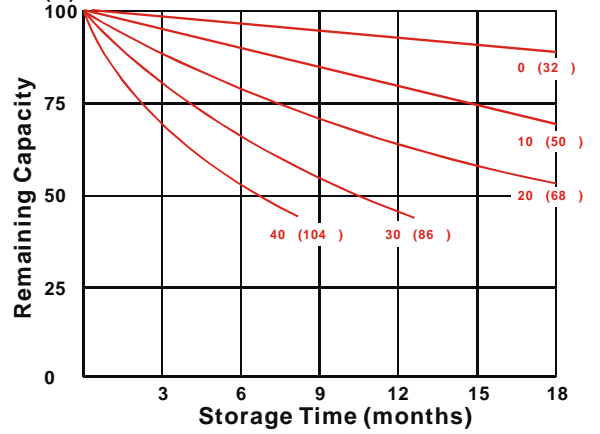
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)



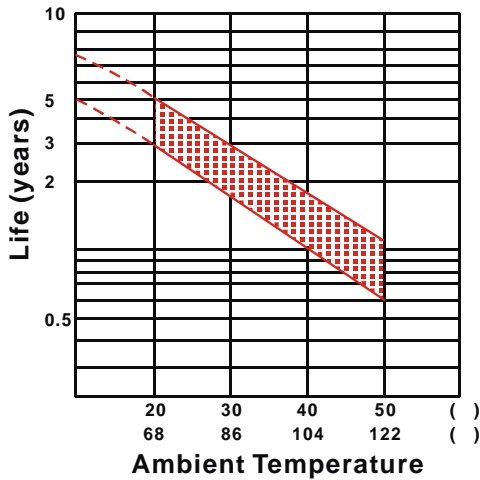
Effect of Temperature on Capacity 25 (77 °)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

