



FGC21502

12Volt 15Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(0.75A	to	10.50V)	15Ah
10 hour rate	(1.425A	to	10.50V)	14.25Ah
5 hour rate	(2.55A	to	10.20V)	12.75Ah
1 C	(15A	to	9.60V)	9.5Ah
3 C	(45A	to	9.60V)	6Ah

Weight **Approx. 4.28kg(9.42Lbs.)**

Internal Resistance (at 1KHz) **Approx. 9 mΩ**

Maximum Discharge Current for

5 seconds: **225A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **4.5A**

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**

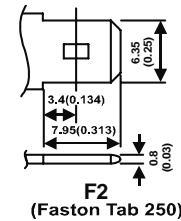
(UL94 HB flame retardant)

Terminal **F2 (Faston Tab 250)**

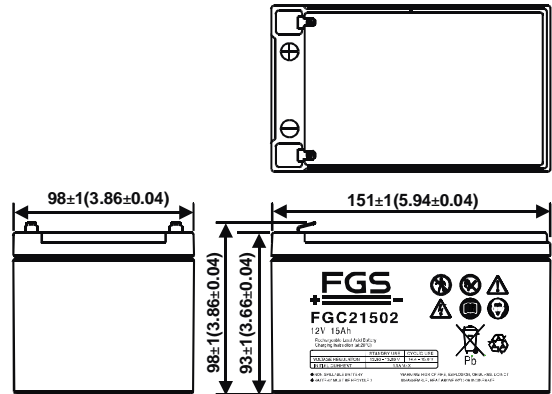


Dimensions

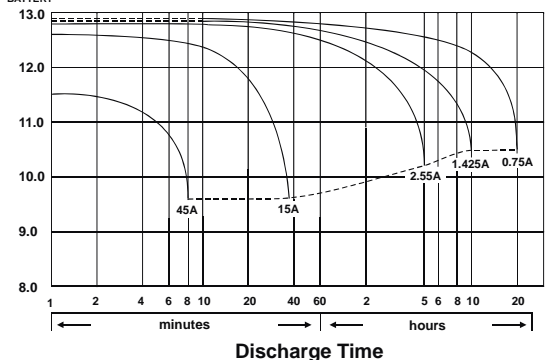
mm(inch)



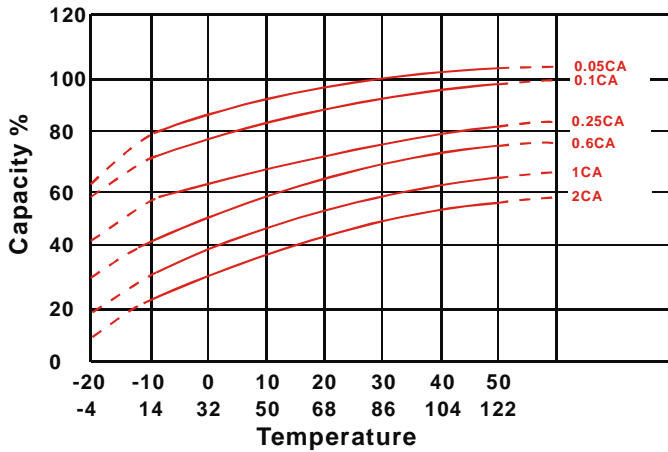
F2 (Faston Tab 250)



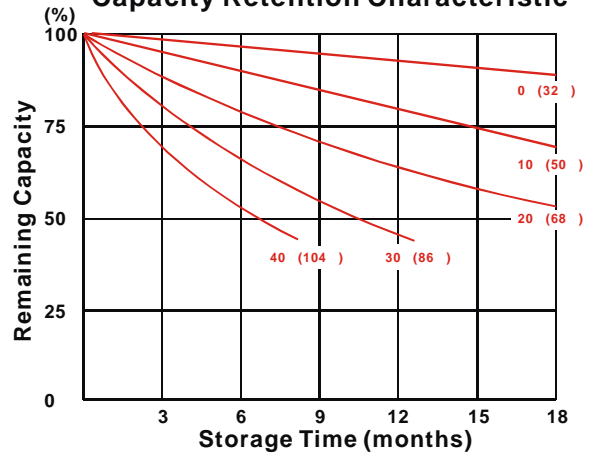
(v) Discharge Time VS. Discharge Current (25) FOR 12V BATTERY



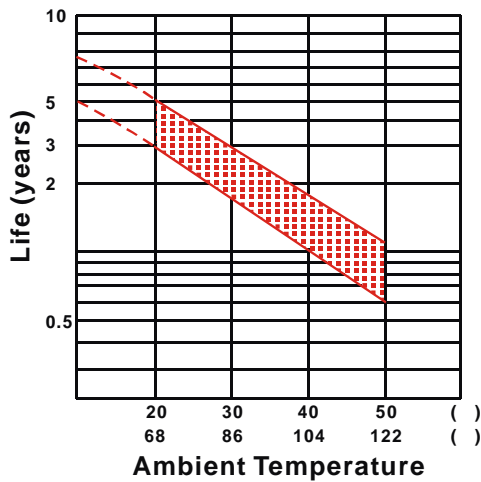
Effect of Temperature on Capacity 25 (77)



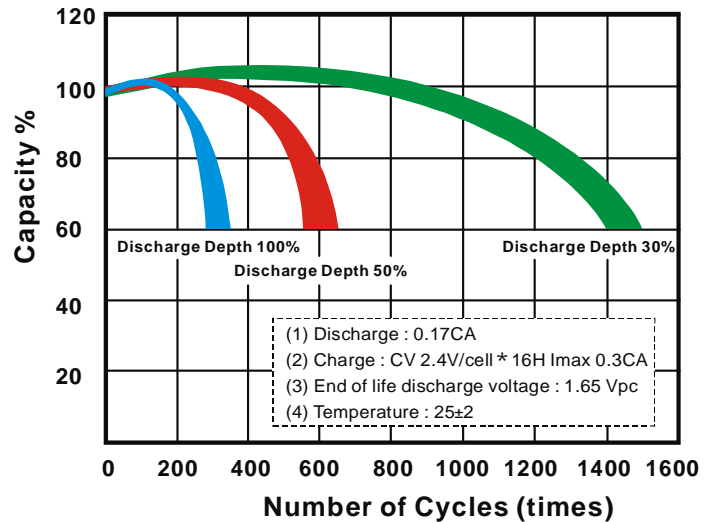
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



- (1) Discharge : 0.17CA
- (2) Charge : CV 2.4V/cell * 16H I_{max} 0.3CA
- (3) End of life discharge voltage : 1.65 Vpc
- (4) Temperature : 25±2