



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 **13.50 to 13.80V**

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**

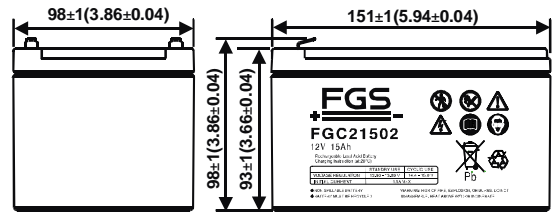
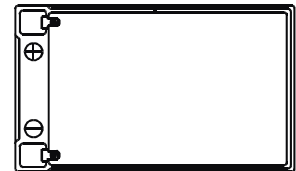
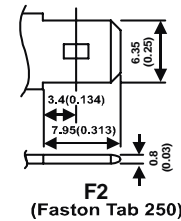
(UL94 HB flame retardant)

Terminal **F2 (Faston Tab 250)**

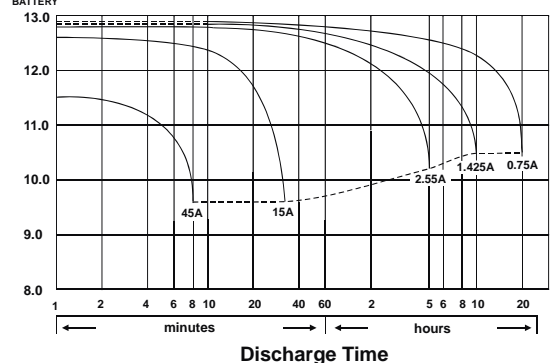


Dimensions

mm(inch)

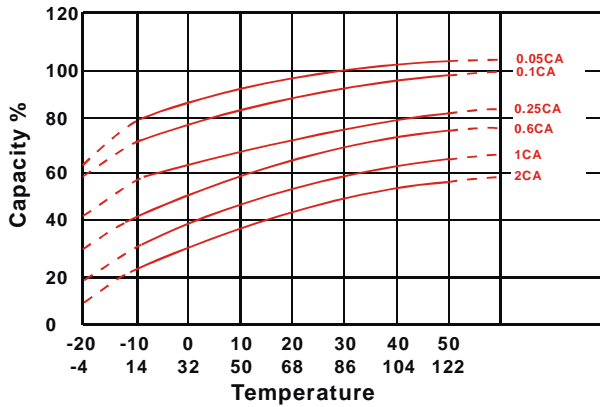


(v) Discharge Time VS. Discharge Current (25)

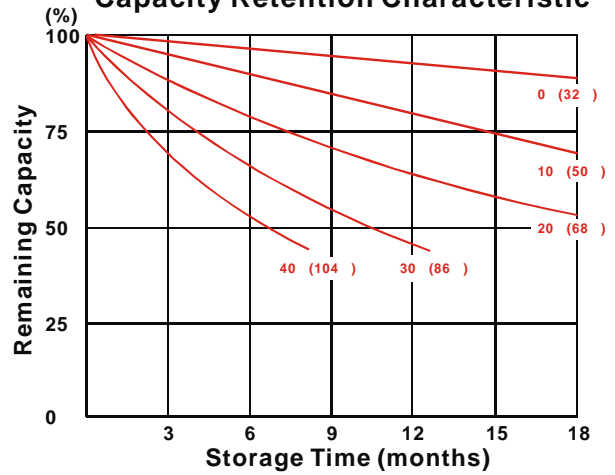


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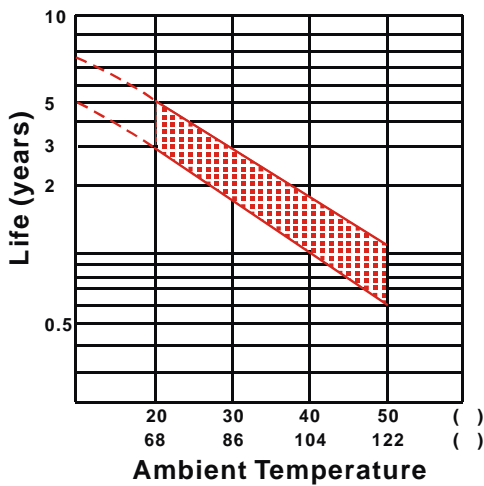
Effect of Temperature on Capacity 25 (77 °)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

