

LG7-12 12Volt 7Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(0.35A	to	10.50V)	7Ah
5 hour rate	(1.19A	to	10.20V)	5.95Ah
1 hour rate	(3.85A	to	9.60V)	3.85Ah
1 C	(7A	to	9.60V)	3.73Ah

Weight **Approx. 2.68kg(5.9Lbs.)**

Internal Resistance (at 1KHz) **Approx. 20 mΩ**

Maximum Discharge Current for

5 seconds: **105A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **13.8 to 14.4V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **2.1A**

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**

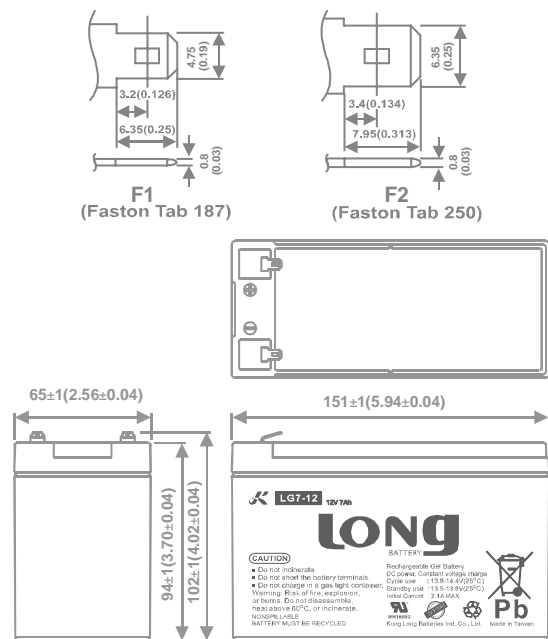
(Option: UL94 HB & UL94 V-0 flame retardant)

Terminal **F1 or F2 (Faston Tab 187 or 250)**

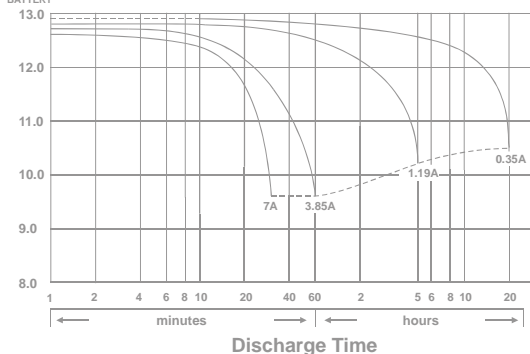


Dimensions

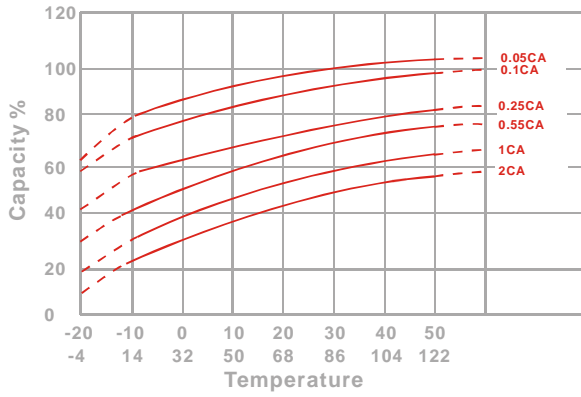
mm(inch)



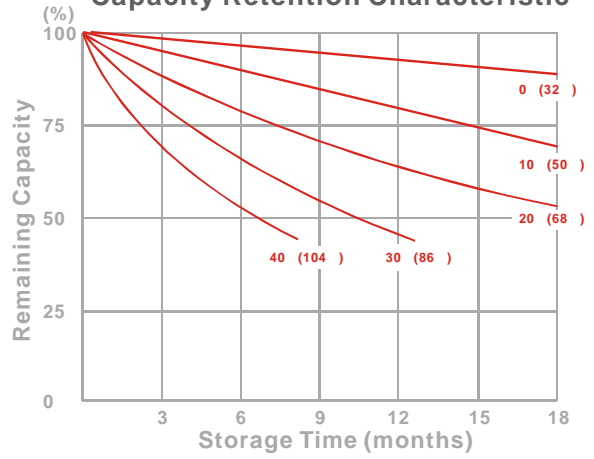
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)



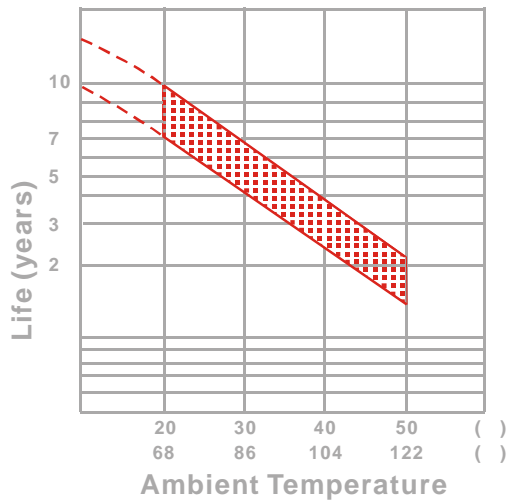
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

