

WP12-12A 12Volt 12Ah

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate (0.6A to 10.50V)	12Ah
10 hour rate (1.14A to 10.50V)	11.4Ah
5 hour rate (2.04A to 10.20V)	10.2Ah
1 C (12A to 9.60V)	6.4Ah
3 C (36A to 9.60V)	4.2Ah

Weight **Approx. 3.75kg(8.25Lbs.)**

Internal Resistance (at 1KHz) **Approx. 13 mΩ**

Maximum Discharge Current for

5 seconds: **180A**

Charging Methods at 25°C(77°F)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mv/°C/cell**

Maximum Charging Current : **3.6A**

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**

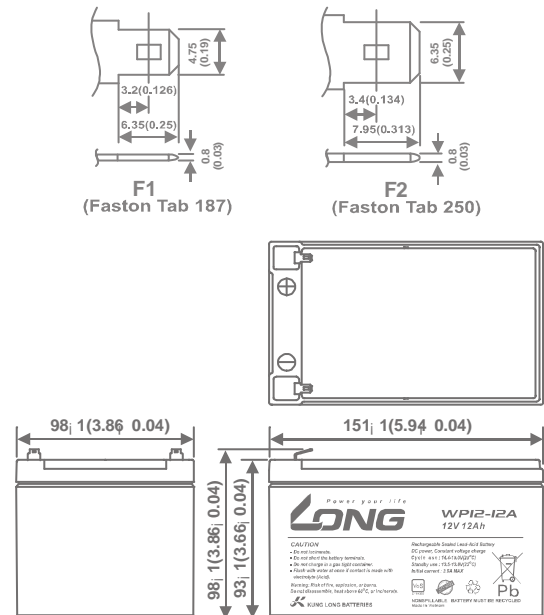
(Option: UL94 HB & UL94 V-0 flame retardant)

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

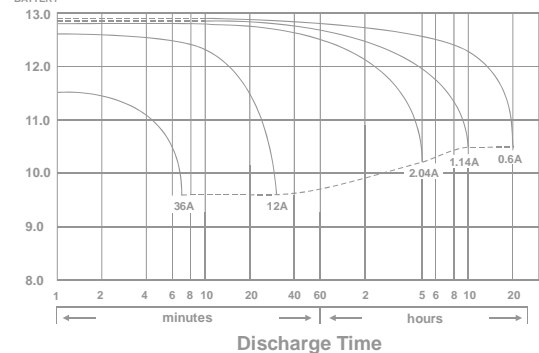


Dimensions

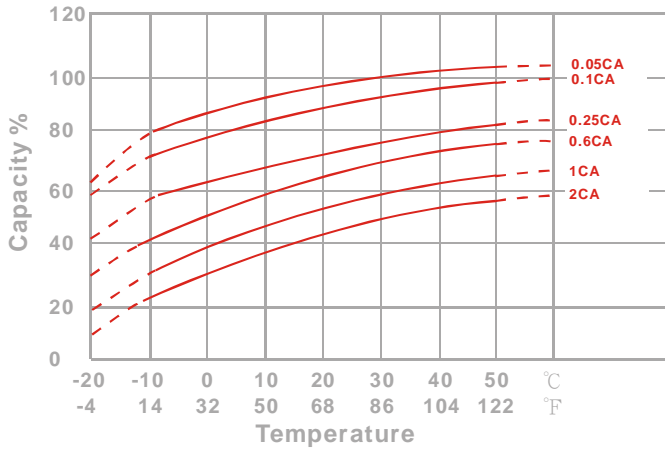
mm(inch)



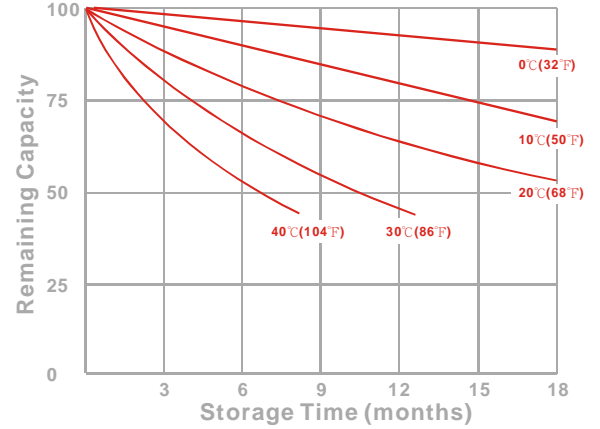
(v) Discharge Time VS. Discharge Current (25°C)



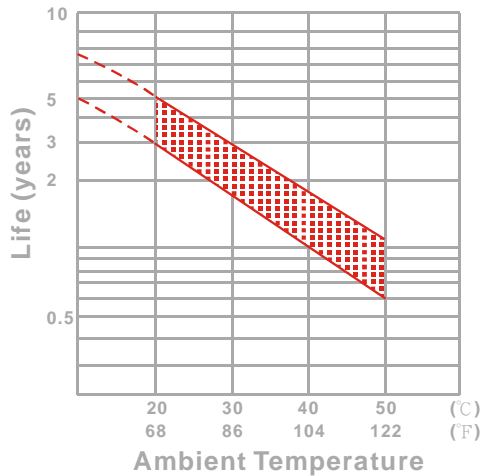
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

