

WP1250 12Volt 2.0Ah

(Thermal Protector)

Specifications

Nominal Voltage(V) **12V**

Nominal Capacity

20 hour rate	(0.10A	to	10.50V)	2.0Ah
10 hour rate	(0.19A	to	10.50V)	1.9Ah
5 hour rate	(0.34A	to	10.20V)	1.7Ah
1 C	(2.0A	to	9.60V)	0.9Ah

Weight **Approx. 650g(1.43Lbs.)**

Internal Resistance (at 1KHz) **Approx. 105mΩ**

Maximum Temperature Resistance **70**

Maximum Current Resistance **10A**

Charging Methods at 25 (77)

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mV/ /cell

Maximum Charging Current : **0.6A**

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**

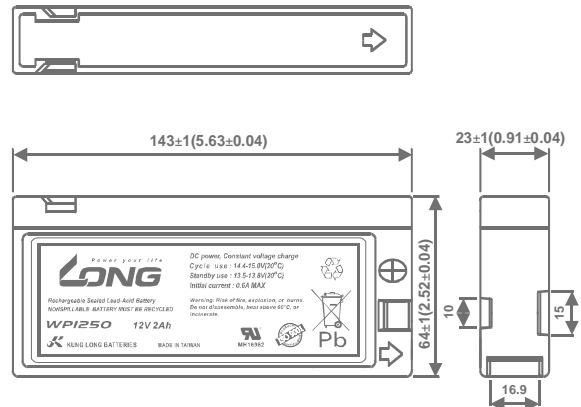
Option: Flammability resistance of (UL94 V-0)

Terminal **F13**

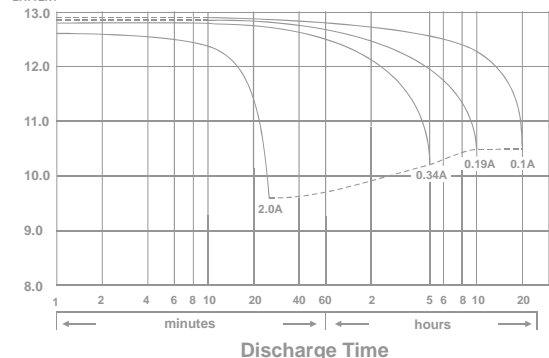


Dimensions

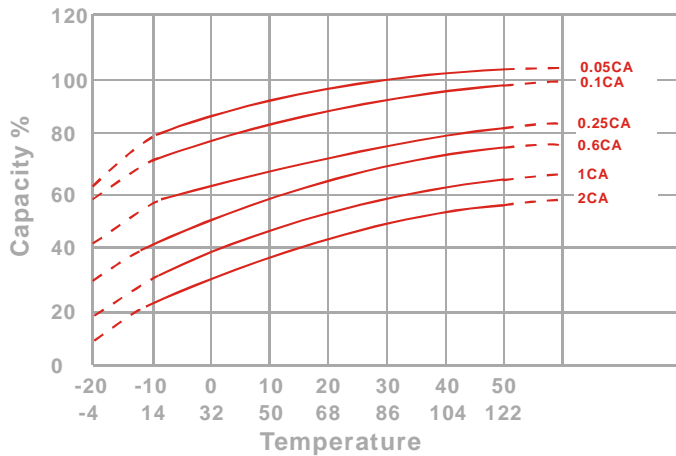
mm(inch)



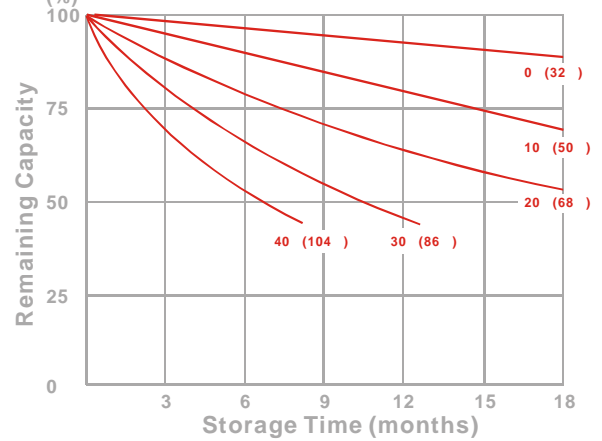
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25)



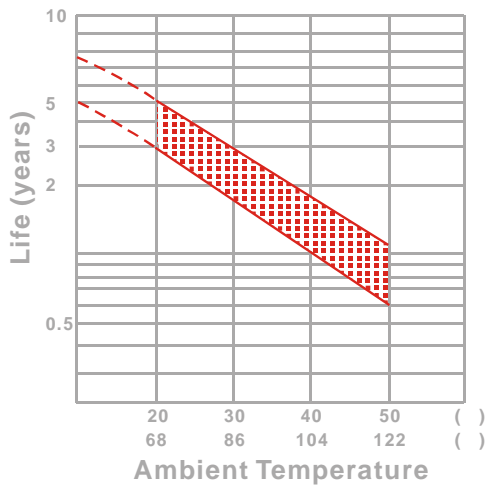
Effect of Temperature on Capacity 25 (77)



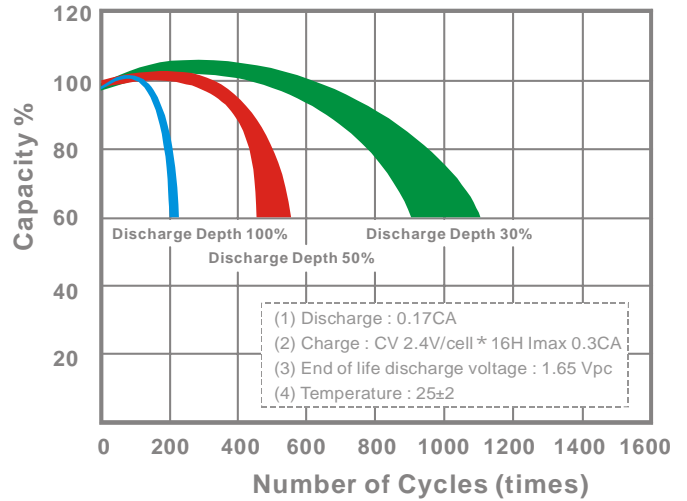
Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life



090317-1B