

WP1-6 6Volt 1Ah

Specifications

Nominal Voltage(V) **6V**

Nominal Capacity

20 hour rate	(0.05A	to	5.25V)	1Ah
10 hour rate	(0.095A	to	5.25V)	0.95Ah
5 hour rate	(0.17A	to	5.1V)	0.85Ah
1 C	(1A	to	4.8V)	0.57Ah
3 C	(3A	to	4.8V)	0.4Ah

Weight **Approx. 300g(0.66Lbs.)**

Internal Resistance (at 1KHz) **Approx. 33 mΩ**

**Maximum Discharge Current for
5 seconds:** **15A**

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient **-5.0mv/°C/cell**

Maximum Charging Current : **0.3A**

Standby use:

Float Charging Voltage **6.75 to 6.90V**

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**

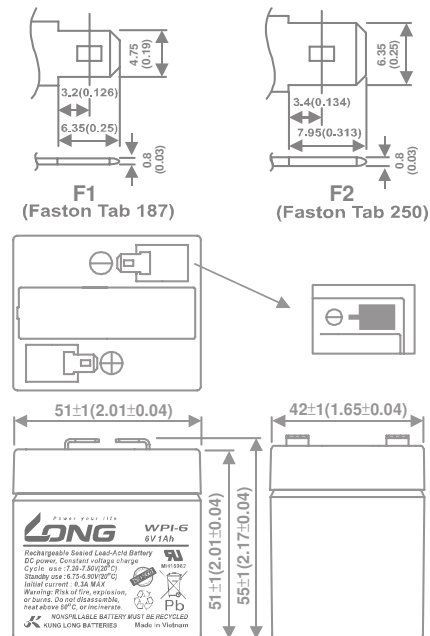
(Option: UL94 HB & UL94 V-0 flame retardant)

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

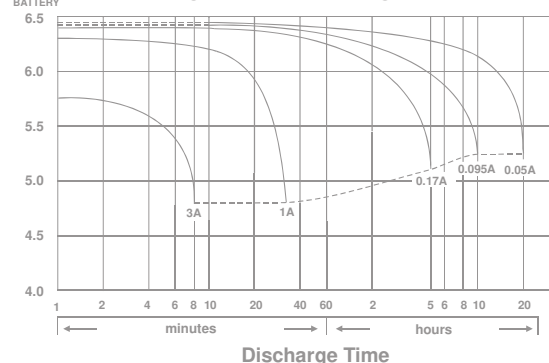


Dimensions

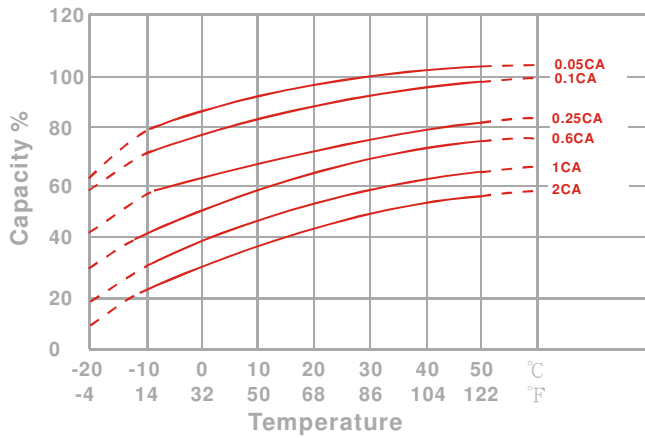
mm(inch)



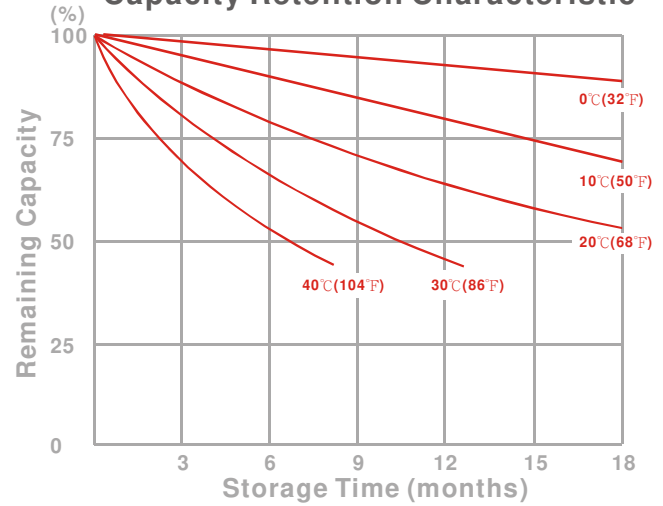
(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25°C)



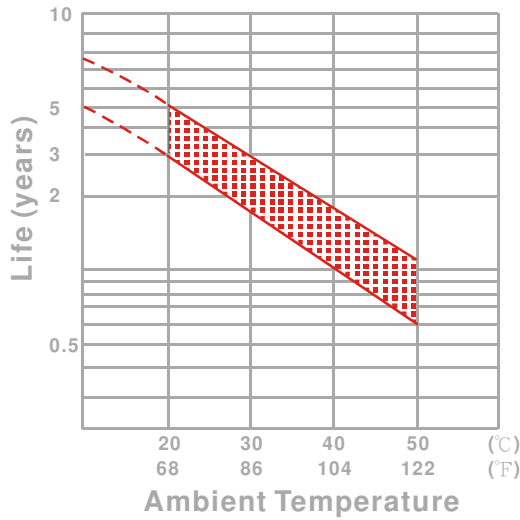
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

