

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 (77)

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **0.3A**

Standby use:

Float Charging Voltage **6.75 to 6.90V**

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)

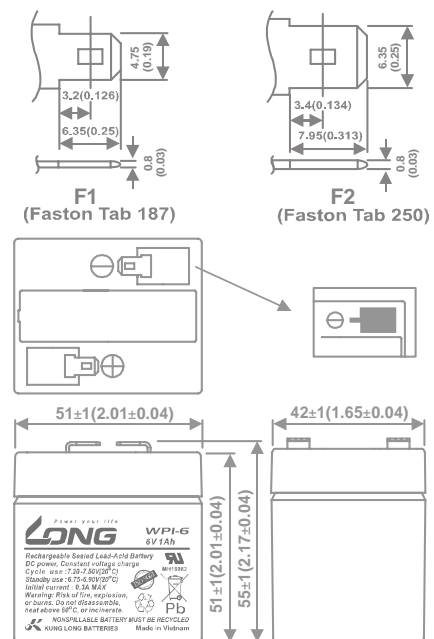
Terminal

F1 or F2 (Faston Tab 187 or 250)

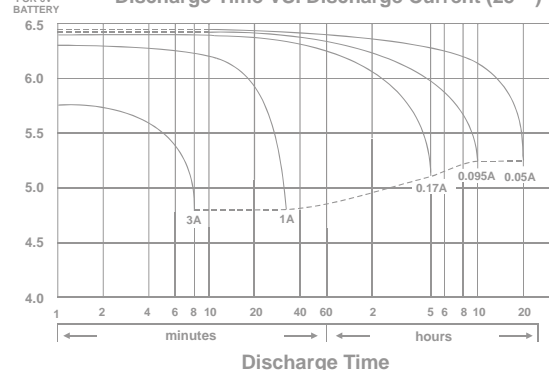


Dimensions

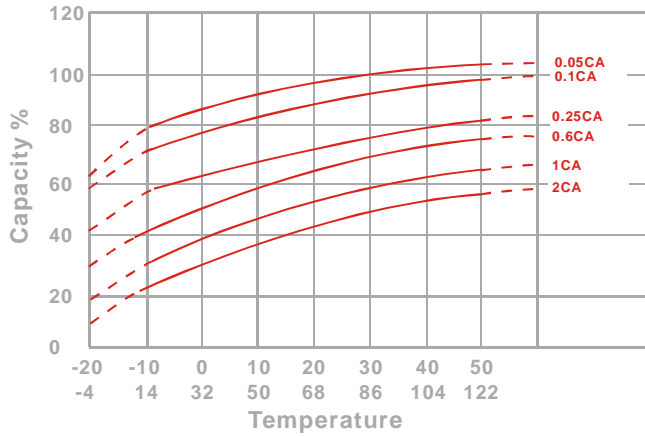
mm(inch)



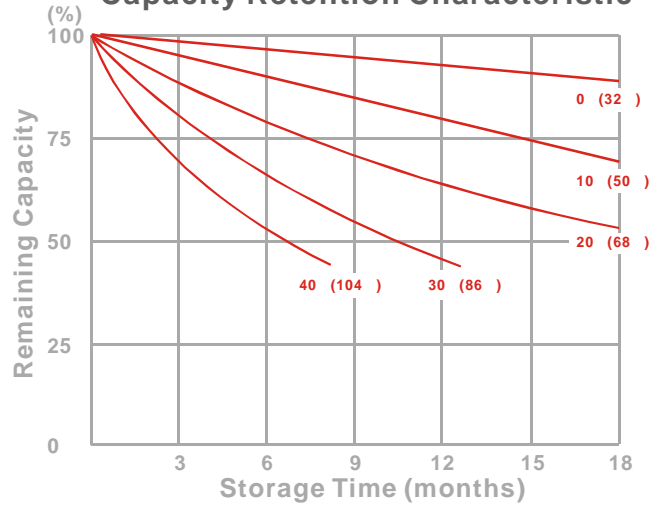
(V) FOR 6V BATTERY Discharge Time VS. Discharge Current (25)



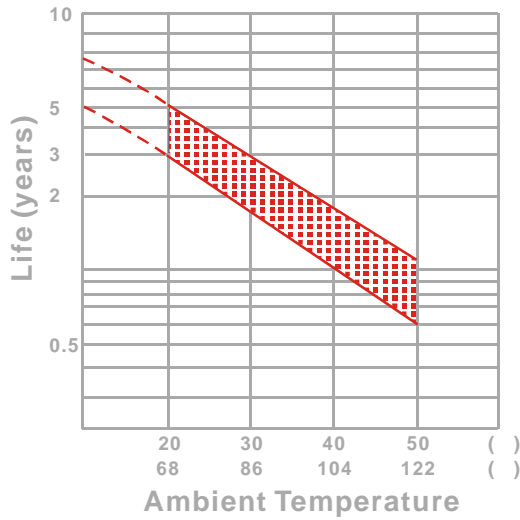
Effect of Temperature on Capacity 25 (77)



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

