

## 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**

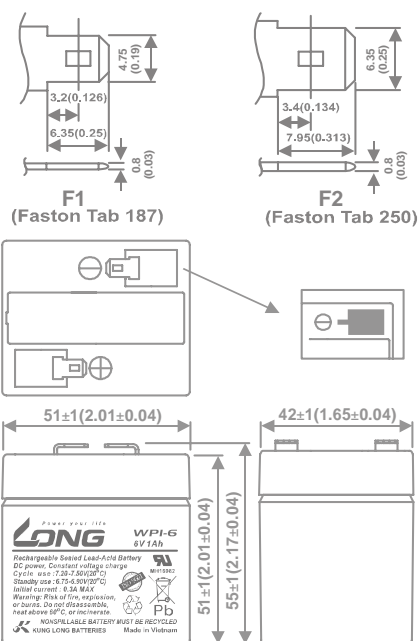
(Option: UL94 HB & UL94 V-0 flame retardant )

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

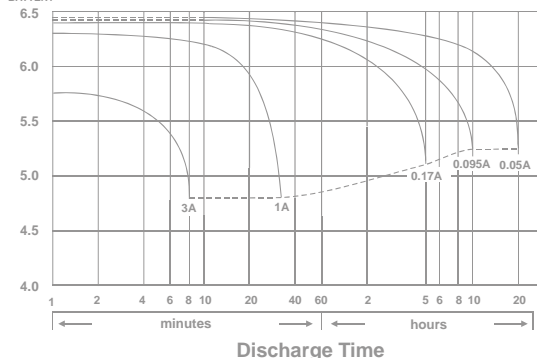


### Dimensions

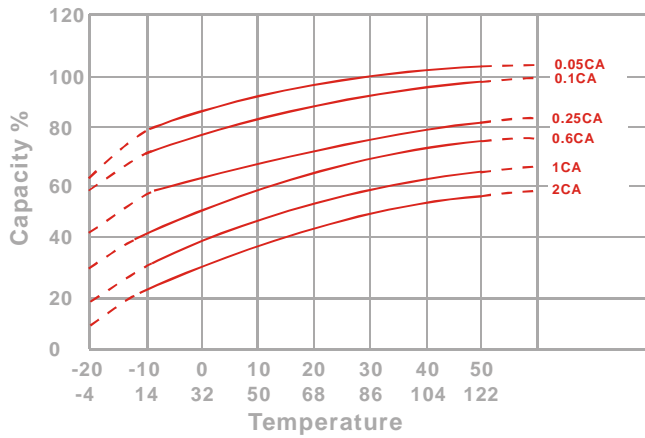
mm(inch)



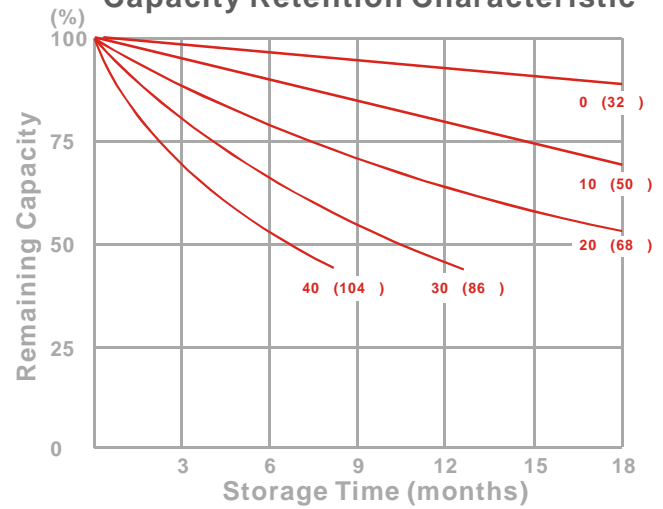
#### Discharge Time VS. Discharge Current (25 )



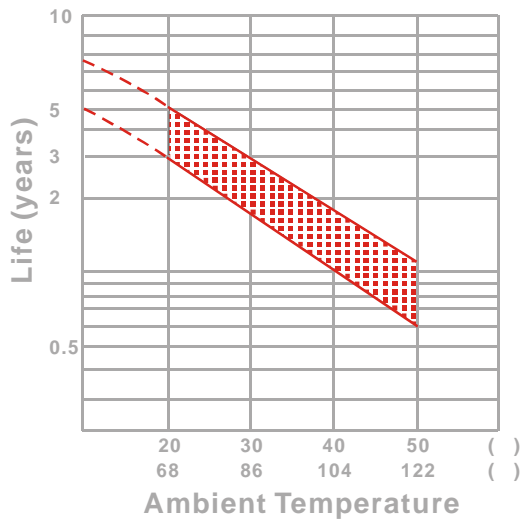
Effect of Temperature on Capacity 25 (77 )



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

