

## WP12-6S 6Volt 12Ah

### Specifications

Nominal Voltage(V) **6V**

#### Nominal Capacity

20 hour rate	(0.6A	to	5.25V)	<b>12Ah</b>
10 hour rate	(1.14A	to	5.25V)	<b>11.4Ah</b>
5 hour rate	(2.04A	to	5.1V)	<b>10.2Ah</b>
1 C	(12A	to	4.8V)	<b>6.8Ah</b>
3 C	(36A	to	4.8V)	<b>4.8Ah</b>

Weight **Approx. 1.84kg(4.05Lbs.)**

Internal Resistance (at 1KHz) **Approx. 6 mΩ**

Maximum Discharge Current for  
5 seconds: **180A**

#### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage **7.20 to 7.50V**

Coefficient -5.0mV/ /cell

Maximum Charging Current : **3.6A**

Standby use:

Float Charging Voltage **6.75 to 6.90V**

Coefficient -3.0mV/ /cell

#### Operating Temperature Range

Charge	<b>-15 (5 )</b>	to	<b>40 (104 )</b>
Discharge	<b>-15 (5 )</b>	to	<b>50 (122 )</b>
Storage	<b>-15 (5 )</b>	to	<b>40 (104 )</b>

#### Charge Retention (shelf life) at 20 (68 )

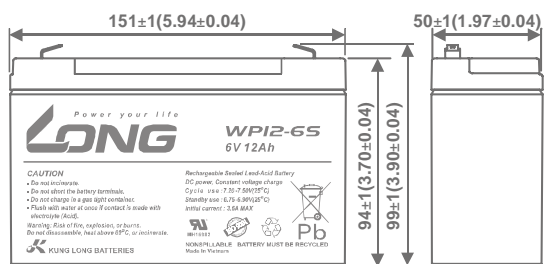
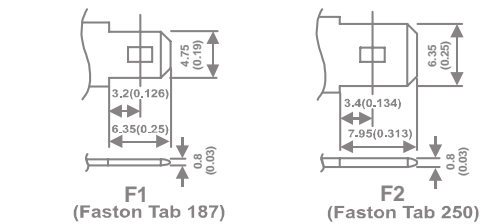
1 month	<b>92%</b>
3 month	<b>90%</b>
6 month	<b>80%</b>

Case Material **ABS**  
(UL94 HB flame retardant )

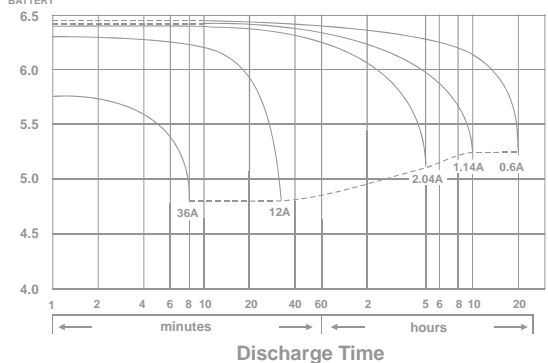
Terminal **F1 or F2 (Faston Tab 187 or 250)**



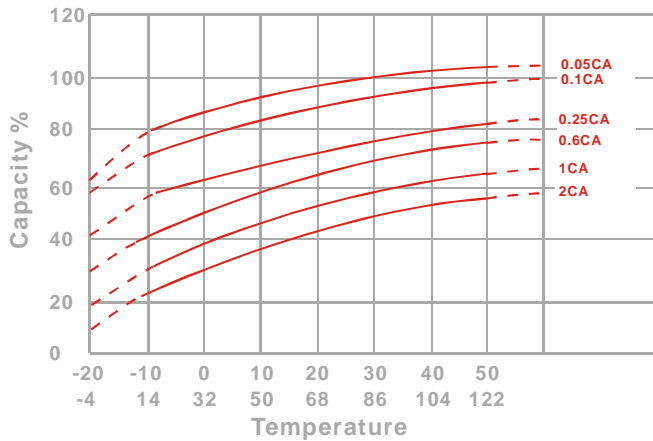
### Dimensions mm(inch)



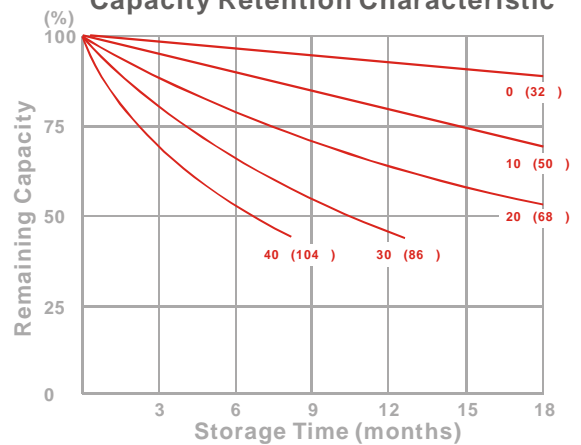
#### (v) FOR 6V BATTERY Discharge Time VS. Discharge Current (25 )



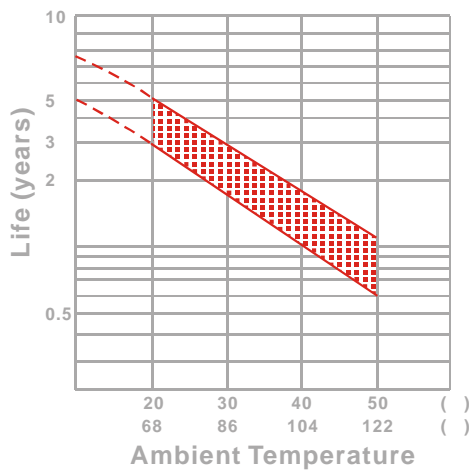
**Effect of Temperature on Capacity 25 (77 )**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

