

## WP2.2-12 12Volt 2.2Ah

### Specifications

**Nominal Voltage(V)** 12V

#### Nominal Capacity

20 hour rate	(0.11A to 10.50V)	<b>2.2Ah</b>
10 hour rate	(0.209A to 10.50V)	<b>2.09Ah</b>
5 hour rate	(0.374A to 10.20V)	<b>1.87Ah</b>
1 C	(2.2A to 9.60V)	<b>1.25Ah</b>
3 C	(6.6A to 9.60V)	<b>0.88Ah</b>

**Weight** Approx. 1.1kg(2.42Lbs.)

**Internal Resistance (at 1KHz)** Approx. 37 mΩ

#### Maximum Discharge Current for

5 seconds: **44A**

#### Charging Methods at 25°C (77°F)

##### Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/°C/cell

Maximum Charging Current : **0.66A**

##### Standby use:

Float Charging Voltage **13.50 to 13.80V**

Coefficient -3.0mv/°C/cell

#### Operating Temperature Range

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

#### Charge Retention (shelf life) at 20°C (68°F)

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

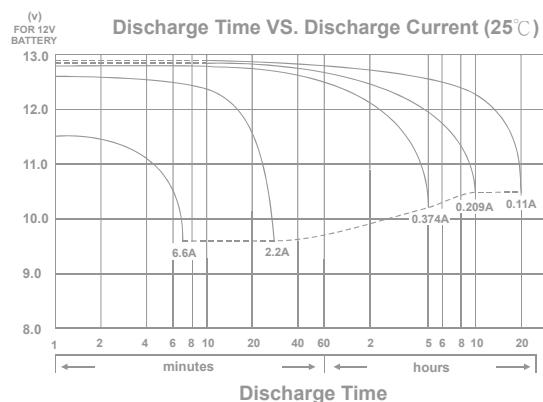
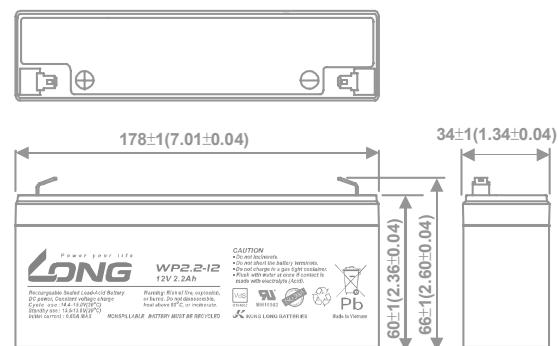
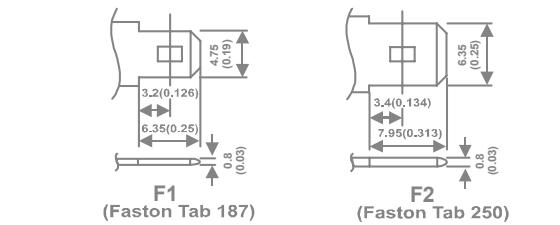
**Case Material** ABS

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

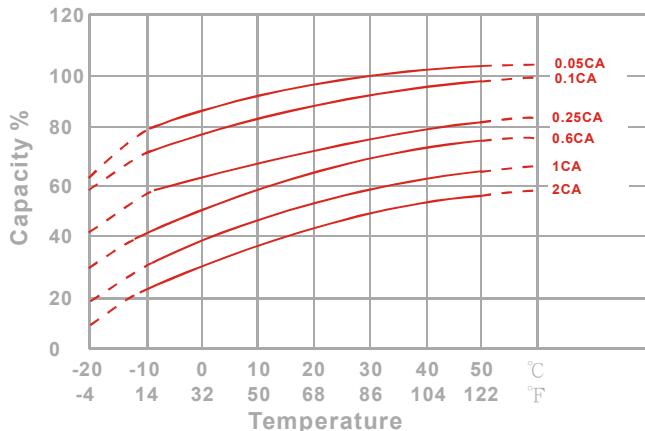
**Terminal** F1 or F2 (Faston Tab 187 or 250)



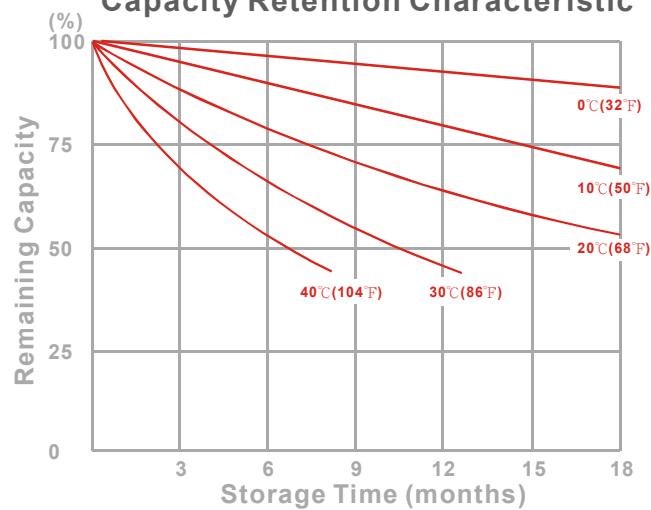
### Dimensions mm(inch)



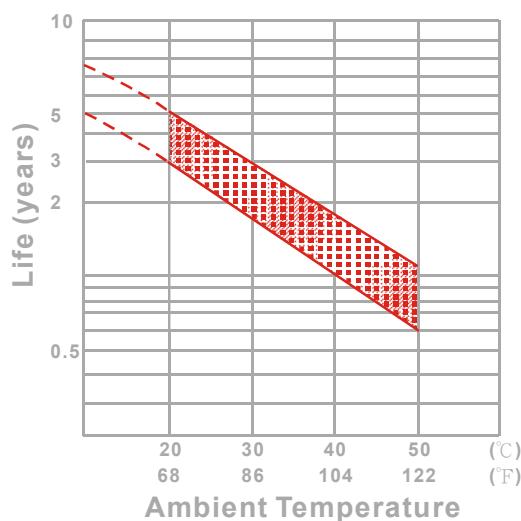
### Effect of Temperature on Capacity 25°C(77°F)



### Capacity Retention Characteristic



### Trickle (or float) Service Life



### Cycle Service Life

