

## WP1223W 12Volt 2.1Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(0.105A to 10.50V)	<b>2.1Ah</b>
10 hour rate	(0.2A to 10.50V)	<b>2.0Ah</b>
5 hour rate	(0.357A to 10.20V)	<b>1.79Ah</b>
1 C	(2.1A to 9.60V)	<b>0.95Ah</b>

Weight **Approx. 710g(1.56Lbs.)**

Internal Resistance (at 1KHz) **Approx. 105 mΩ**

Maximum Temperature Resistance **70°C**

Maximum Current Resistance **10A**

#### Charging Methods at 25°C (77°F)

##### Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient **-5.0mV/°C/cell**

Maximum Charging Current : **0.63A**

##### Standby use:

Float Charging Voltage **13.5 to 13.8V**

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 )

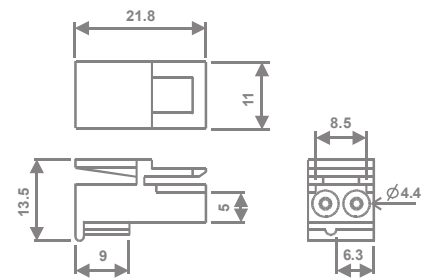
Terminal **WIRE**

(Thermal Protector)

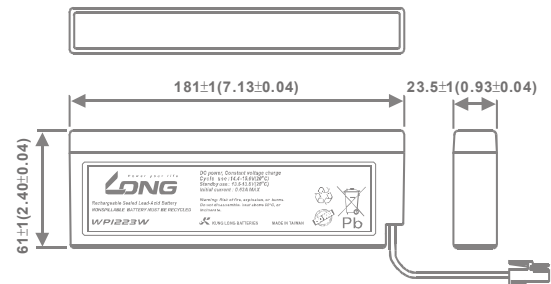


### Dimensions

mm(inch)

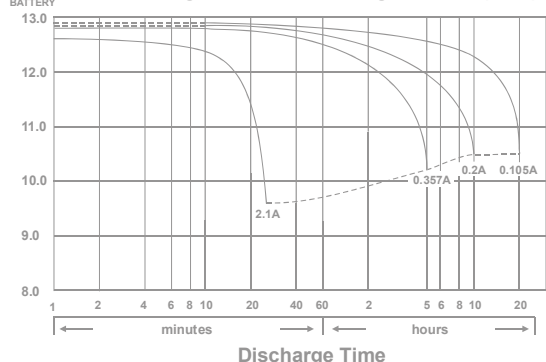


Wi50-7

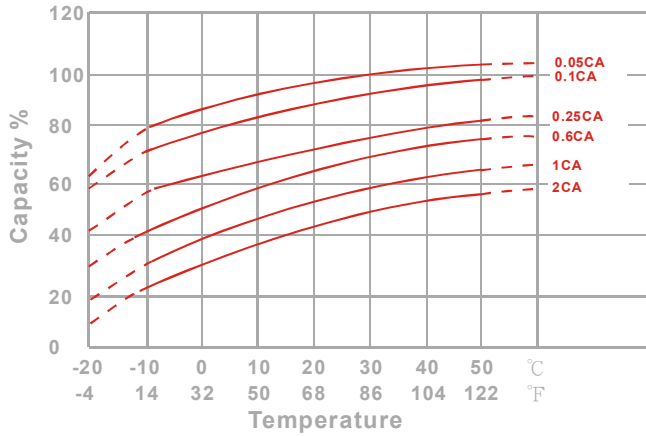


(V)  
FOR 12V  
BATTERY

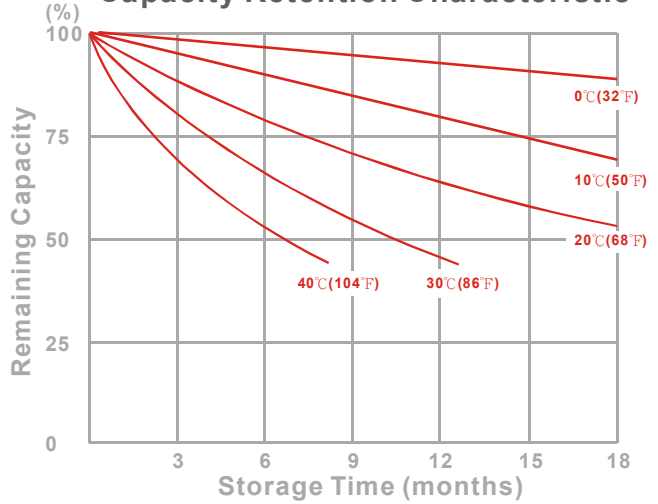
#### Discharge Time VS. Discharge Current (25°C)



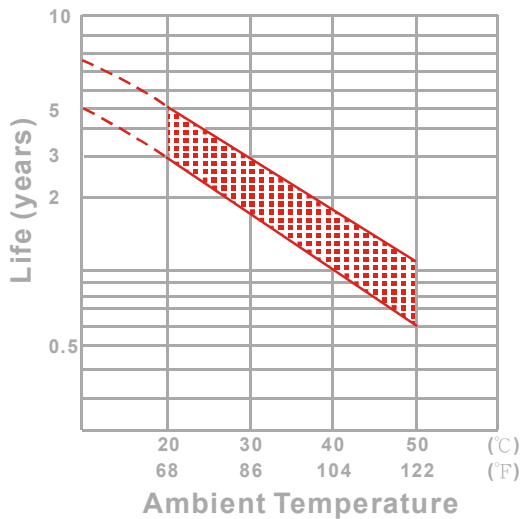
**Effect of Temperature on Capacity 25°C (77°F)**



**Capacity Retention Characteristic**



**Trickle (or float) Service Life**



**Cycle Service Life**

