

## WPO.8-12 12Volt 0.8Ah

### Specifications

Nominal Voltage(V) **12V**

#### Nominal Capacity

20 hour rate	(0.04A to 10.50V)	<b>0.8Ah</b>
10 hour rate	(0.076A to 10.50V)	<b>0.76Ah</b>
5 hour rate	(0.136A to 10.20V)	<b>0.68Ah</b>
1 C	(0.8A to 9.60V)	<b>0.45Ah</b>
3 C	(2.4A to 9.60V)	<b>0.32Ah</b>

Weight **Approx. 400g(0.88Lbs.)**

Internal Resistance (at 1KHz) **Approx. 125 mΩ**

#### Maximum Discharge Current for

5 seconds: **12A**

#### Charging Methods at 25 (77 )

Cycle use:

Charging Voltage **14.4 to 15.0V**

Coefficient -5.0mv/ /cell

Maximum Charging Current : **0.24A**

Standby use:

Float Charging Voltage **13.50 to 13.80V**

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**

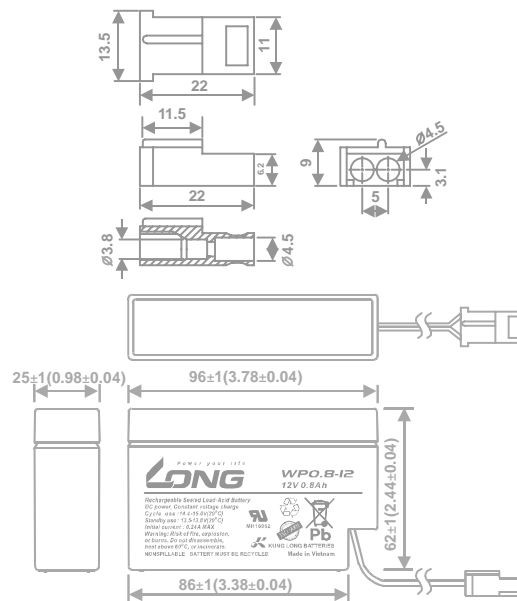
(Option: UL94 HB & UL94 V-0 flame retardant )

Terminal **WIRE**

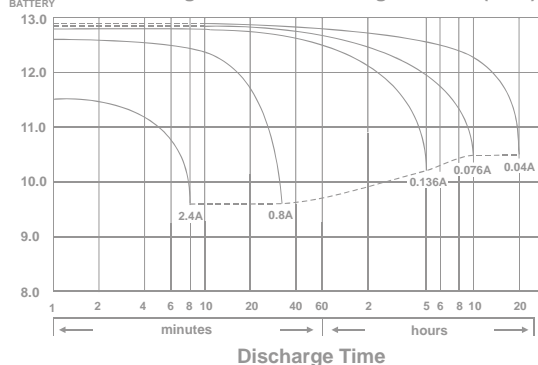


### Dimensions

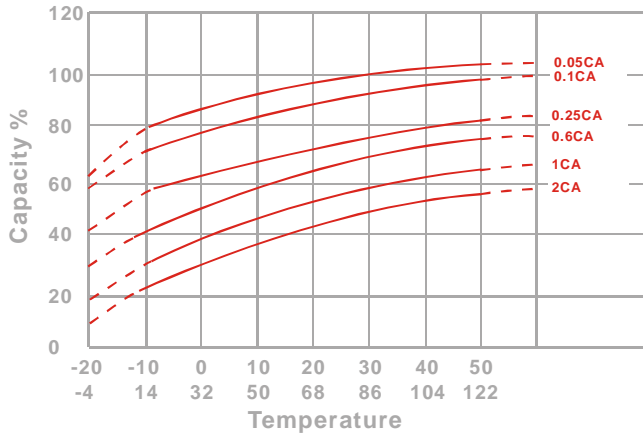
mm(inch)



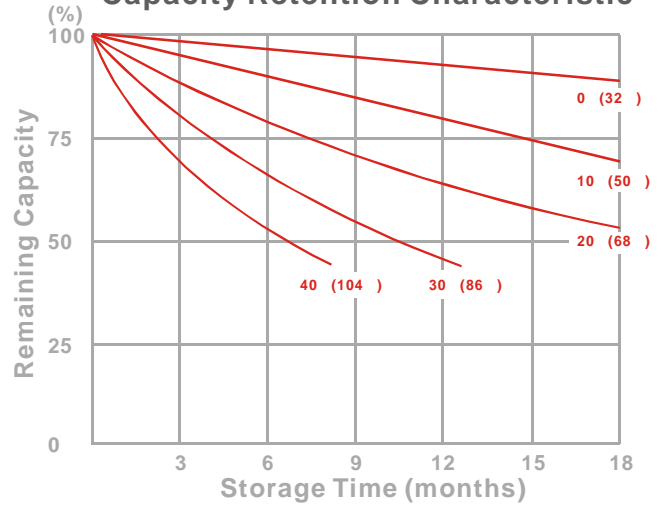
(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25 )



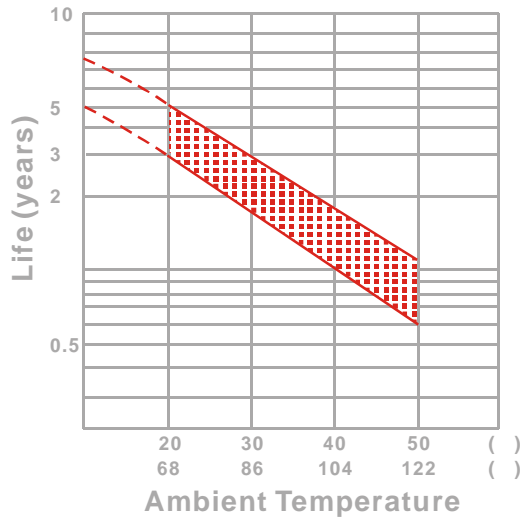
Effect of Temperature on Capacity 25 (77 )



Capacity Retention Characteristic



Trickle (or float) Service Life



Cycle Service Life

