

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(0.04A to 10.50V)	0.8Ah
10 hour rate	(0.076A to 10.50V)	0.76Ah
5 hour rate	(0.136A to 10.20V)	0.68Ah
1 C	(0.8A to 9.60V)	0.453Ah
3 C	(2.4A to 9.60V)	0.32Ah

Weight

Approx. 364g(0.8Lbs.)

Internal Resistance (at 1KHz)

Approx. 125 mΩ

Maximum Discharge Current for

5 seconds: 12A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	0.24A
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 UL94 HB
Option: Flammability resistance of (UL94 V-0)

Design Life

3-5 Years.

Terminal

WIRE



⚡ Dimensions

Length (L)

96±1 (3.78±0.04)

Width (W)

25±1 (0.98±0.04)

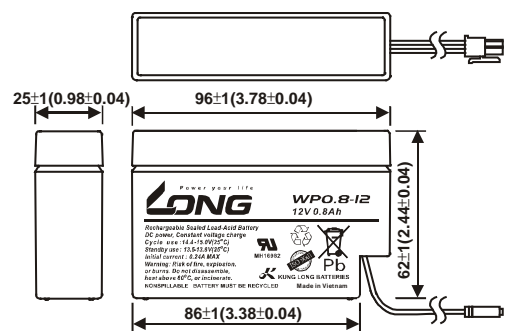
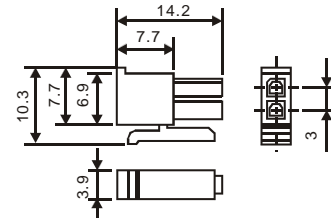
Height (H)

62±1 (2.44±0.04)

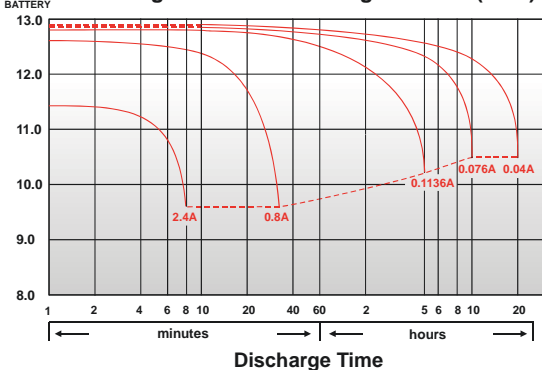
Overall Height (HT)

62±1 (2.44±0.04)

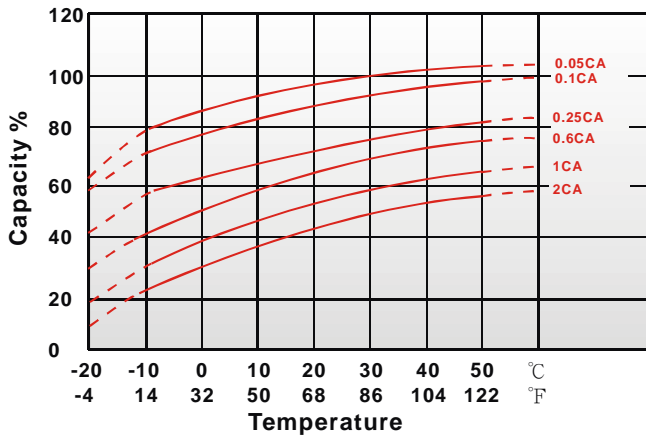
mm(inch)



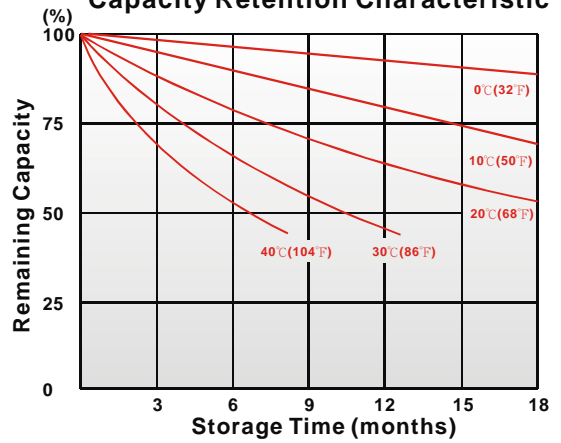
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



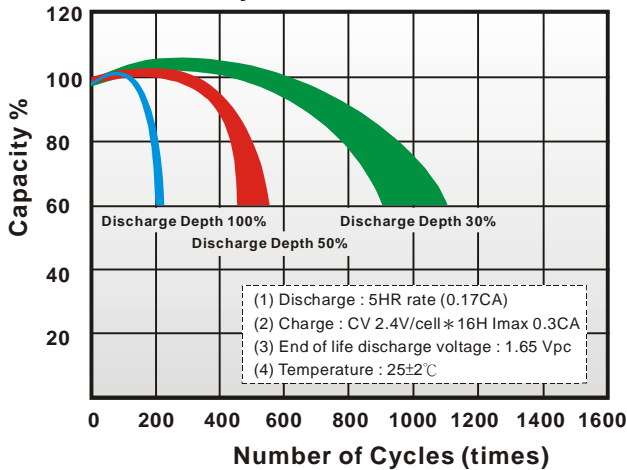
Effect of Temperature on Capacity 25°C (77°F)



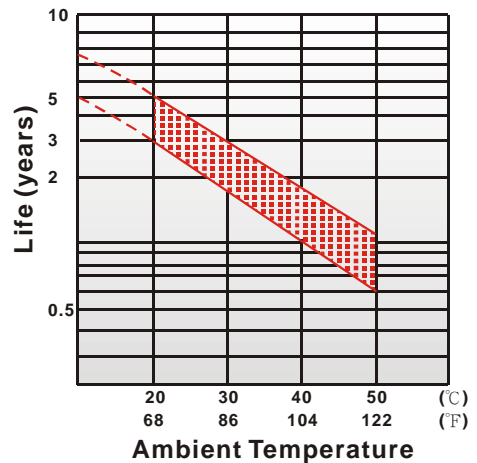
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



160919-1A-DEU0002