

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(0.06A to 10.50V)	1.2Ah
10 hour rate	(0.114A to 10.50V)	1.14Ah
5 hour rate	(0.204A to 10.20V)	1.02Ah
1 C	(1.2A to 9.60V)	0.68Ah
3 C	(3.6A to 9.60V)	0.48Ah

Weight

Approx. 550g(1.21Lbs.)

Internal Resistance (at 1KHz)

Approx. 48 mΩ

Maximum Discharge Current for

5 seconds: 18A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	14.4 to 15.0V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	0.36A
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

F1 or F2 (Faston Tab 187 or 250)



⚡ Dimensions

Length (L)

97±1 (3.82±0.04)

Width (W)

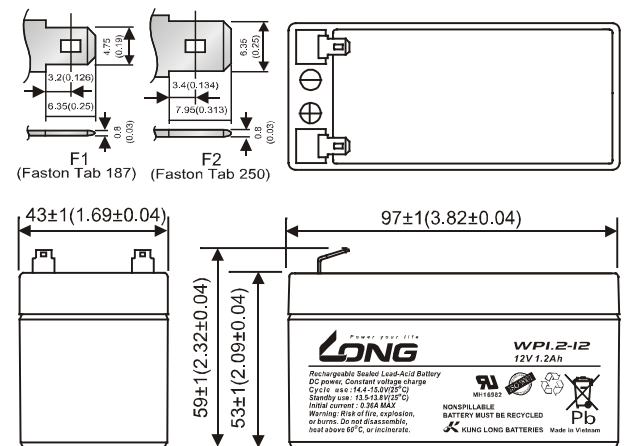
43±1 (1.69±0.04)

Height (H)

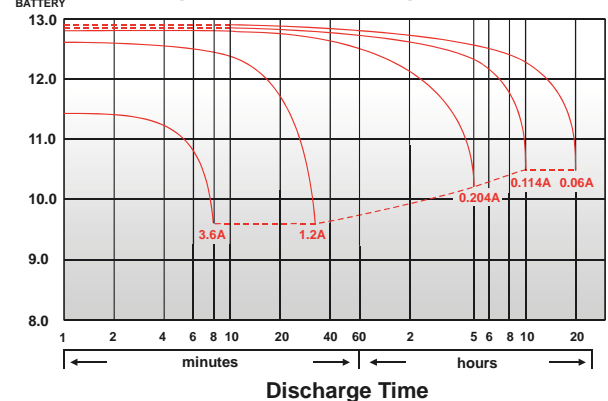
53±1 (2.09±0.04)

Overall Height (HT)

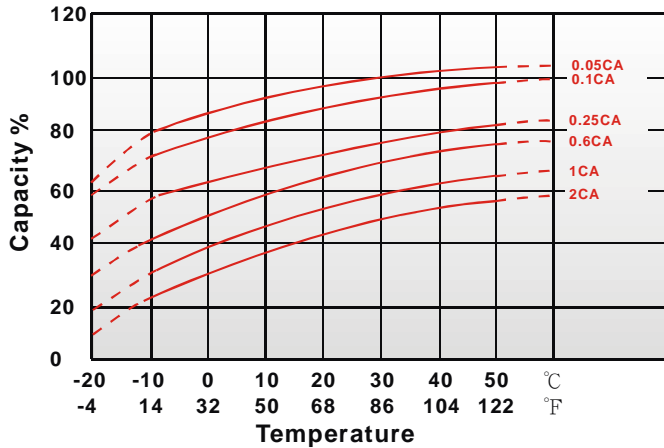
59±1 (2.32±0.04)
mm(inch)



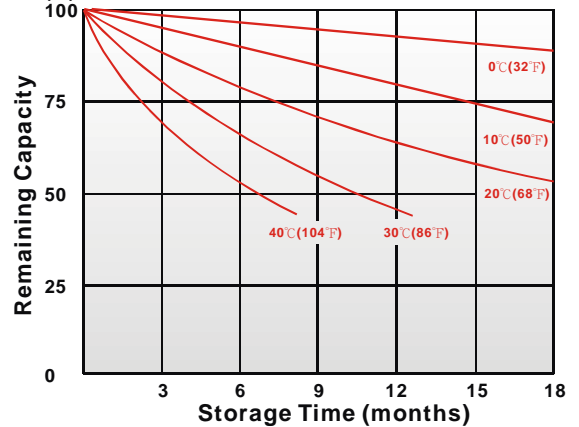
(V) Discharge Time VS. Discharge Current (25°C)



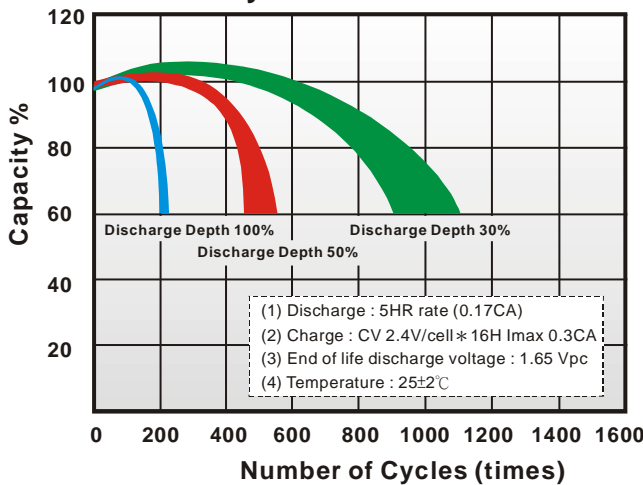
Effect of Temperature on Capacity 25°C (77°F)



Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life

