

⚡ Specifications

Nominal Voltage(V)

2V

Nominal Capacity

20 hour rate	(0.3A	to	1.75V)	6.0Ah
10 hour rate	(0.57A	to	1.75V)	5.7Ah
5 hour rate	(1.02A	to	1.7V)	5.1Ah
1 C	(6A	to	1.6V)	3.4Ah
3 C	(18A	to	1.6V)	2.4Ah

Weight

Approx. 396g(0.87Lbs.)

Internal Resistance (at 1KHz)

Approx. 4.1 mΩ

Maximum Discharge Current for

5 seconds: 1.8A

Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	2.25 to 2.30V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	90A
Standby use:	
Floater Charging Voltage	2.40 to 2.50V
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)

50±1 (1.97±0.04)

Width (W)

34±1 (1.34±0.04)

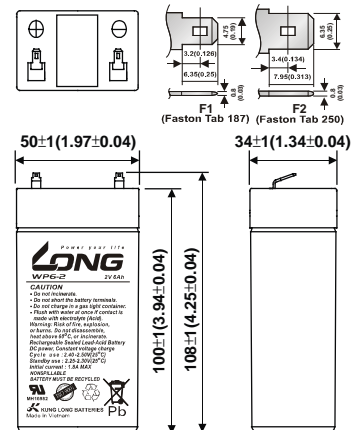
Height (H)

100±1 (3.94±0.04)

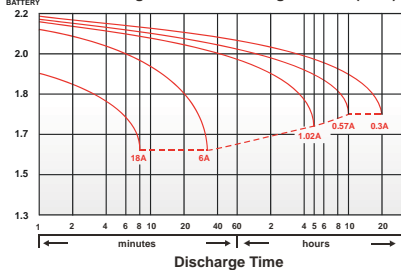
Overall Height (HT)

108±1 (4.25±0.04)

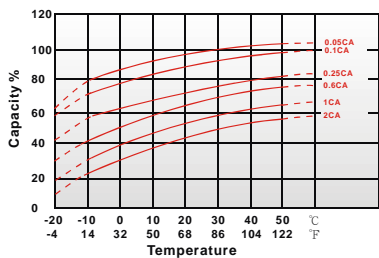
mm(inch)



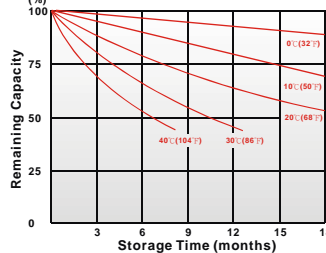
(V) FOR 2V BATTERY Discharge Time VS. Discharge Current (25°C)



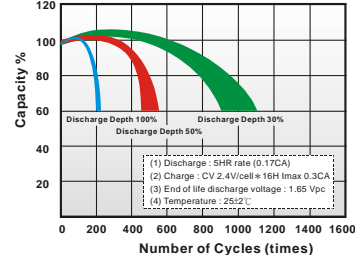
Effect of Temperature on Capacity 25°C(77°F)



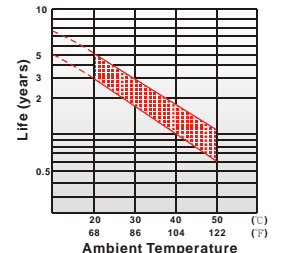
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



250522-1B