

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(0.115A to 10.50V)	2.3Ah
10 hour rate	(0.219A to 10.50V)	2.185Ah
5 hour rate	(0.391A to 10.20V)	1.955Ah
1 C	(2.3A to 9.60V)	1.150Ah
3 C	(6.9A to 9.60V)	0.805Ah

Weight

Approx. 860g(1.89Lbs.)

Internal Resistance (at 1KHz)

Approx. 60 mΩ

Maximum Discharge Current for

5 seconds: 34.5A

Charging Methods at 25°C(77°F)

Maximum Charging Current : 0.69A
 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	97%
3 month	92%
6 month	85%

Case Material

ABS UL94 HB
 Option: Flammability resistance of (UL94 V-0)

Design Life

3-5 Years.

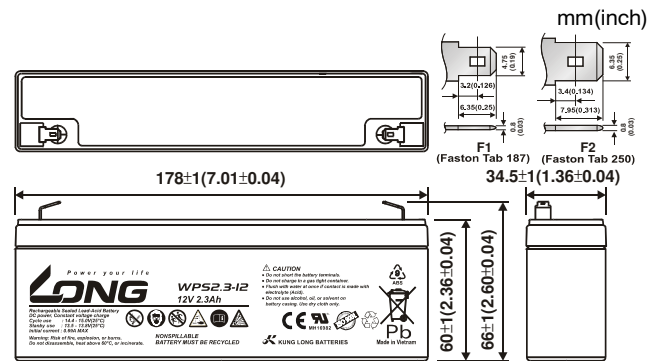
Terminal

F1 or F2 (Faston Tab 187 or 250)

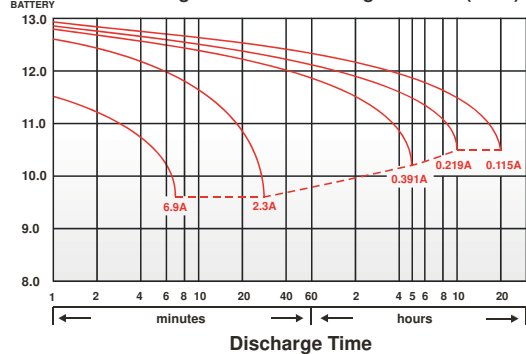


⚡ Dimensions

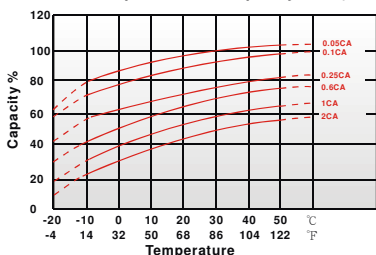
Length (L)	178±1 (7.01±0.04)
Width (W)	34.5±1 (1.36±0.04)
Height (H)	60±1 (2.36±0.04)
Overall Height (HT)	66±1 (2.60±0.04)



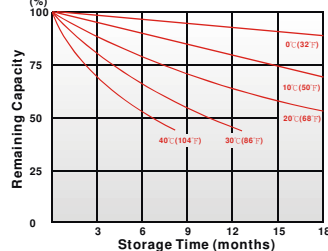
Discharge Time VS. Discharge Current (25°C)



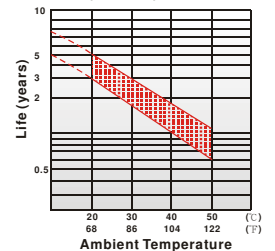
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



250324-IE