

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(0.9A	to	10.50V)	18Ah
10 hour rate	(1.71A	to	10.50V)	17.1Ah
5 hour rate	(3.06A	to	10.20V)	15.3Ah
1 C	(18A	to	9.60V)	9.6Ah
3 C	(54A	to	9.60V)	6.3Ah

Weight

Approx. 5.1kg(11.22Lbs.)

Internal Resistance (at 1KHz)

Approx. 11 mΩ

Maximum Discharge Current for

5 seconds: 270A

Charging Methods at 25°C(77°F)

Maximum Charging Current :	5.4A
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

F3



⚡ Dimensions

Length (L)

181±²(7.13±^{0.08}_{0.04})

Width (W)

76±²(2.99±^{0.08}_{0.04})

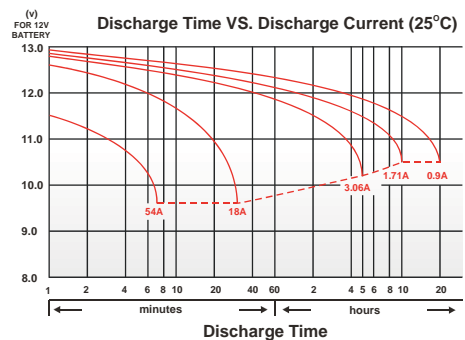
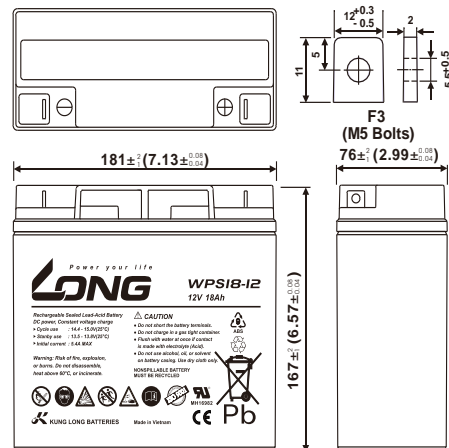
Height (H)

167±²(6.57±^{0.08}_{0.04})

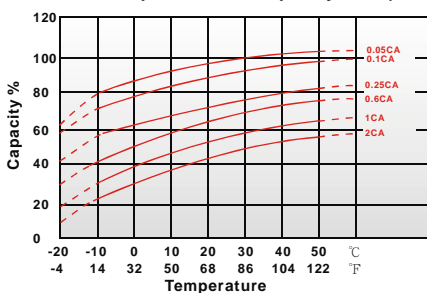
Overall Height (HT)

167±²(6.57±^{0.08}_{0.04})

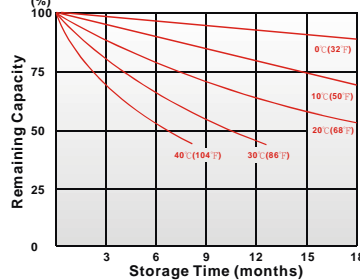
mm(inch)



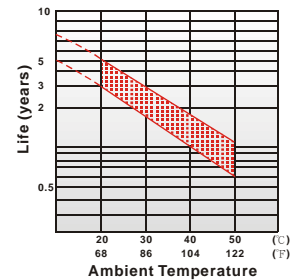
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



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