

### ⚡ 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	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

F3



### ⚡ Dimensions

#### Length (L)

181 ±<sup>2</sup><sub>1</sub> (7.13 ±<sup>0.08</sup><sub>0.04</sub>)

#### Width (W)

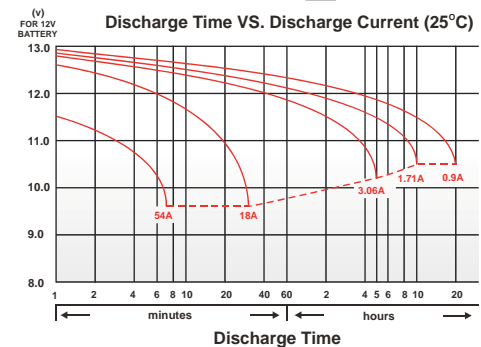
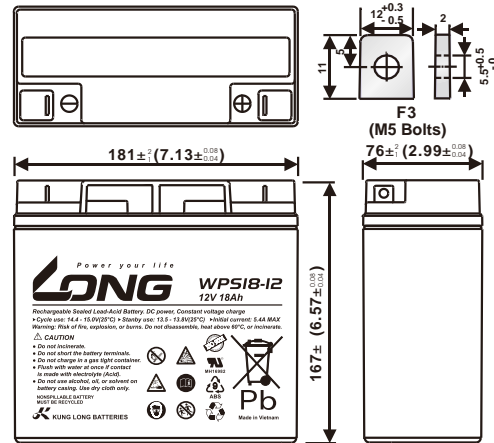
76 ±<sup>2</sup><sub>1</sub> (2.99 ±<sup>0.08</sup><sub>0.04</sub>)

#### Height (H)

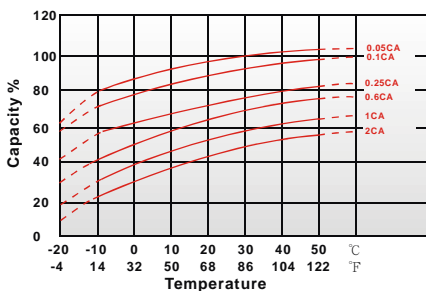
167 ±<sup>2</sup><sub>1</sub> (6.57 ±<sup>0.08</sup><sub>0.04</sub>)

#### Overall Height (HT)

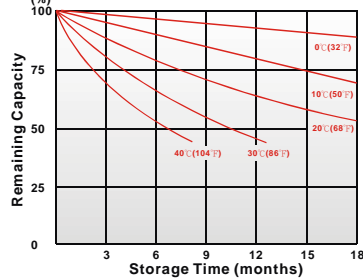
167 ±<sup>2</sup><sub>1</sub> (6.57 ±<sup>0.08</sup><sub>0.04</sub>)



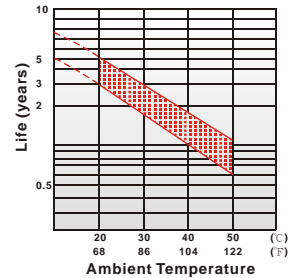
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



111022-1A