

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

20 hour rate	(0.85A	to	10.50V)	17Ah
10 hour rate	(1.53A	to	10.50V)	15.3Ah
5 hour rate	(2.75A	to	10.20V)	13.73Ah
1 C	(17A	to	9.60V)	8.5Ah
3 C	(51A	to	9.60V)	5.1Ah

Weight

Approx. 4.81kg(10.58Lbs.)

Internal Resistance (at 1KHz)

Approx. 12.67 mΩ

Maximum Discharge Current for

5 seconds: 255A

Charging Methods at 25°C(77°F)

Maximum Charging Current :	5.1A
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+2-1 (7.13+0.08-0.04)

Width (W)

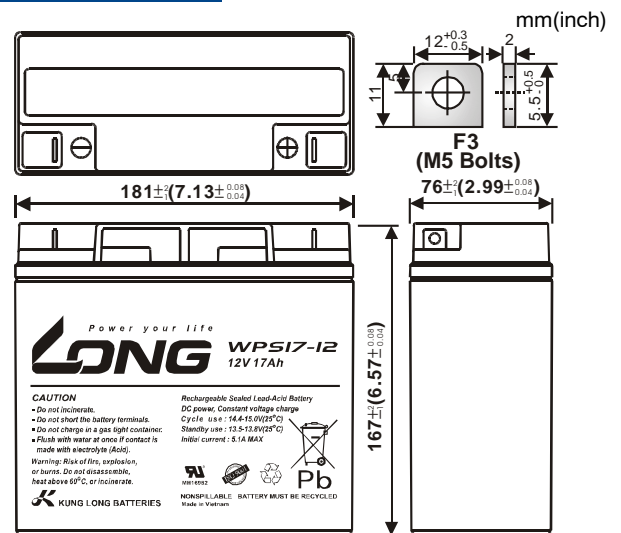
76+2-1 (2.99+0.08-0.04)

Height (H)

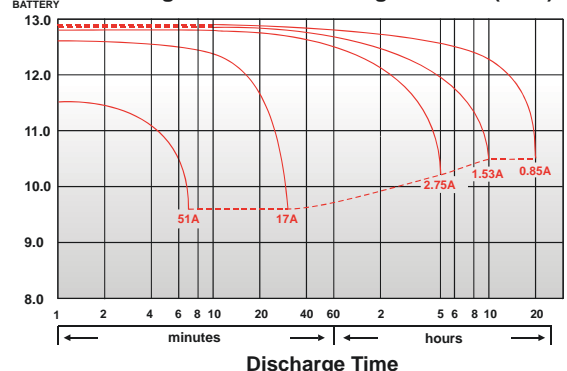
167+2-1 (6.57+0.08-0.04)

Overall Height (HT)

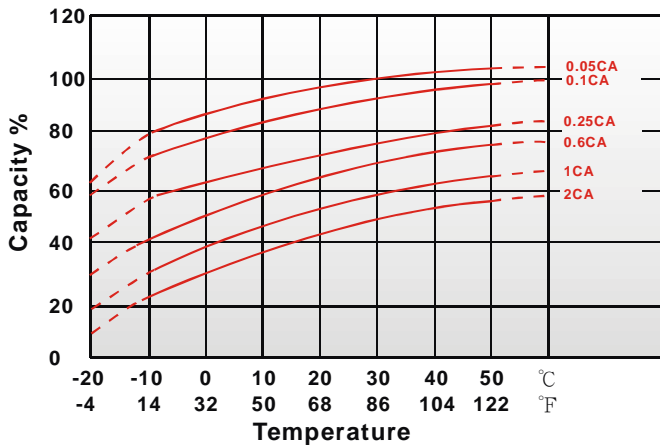
167+2-1 (6.57+0.08-0.04)



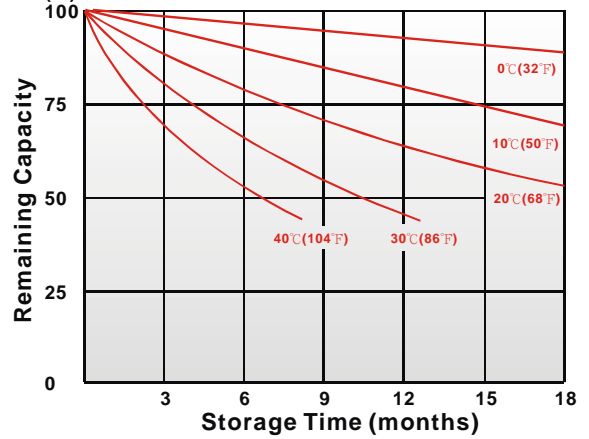
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



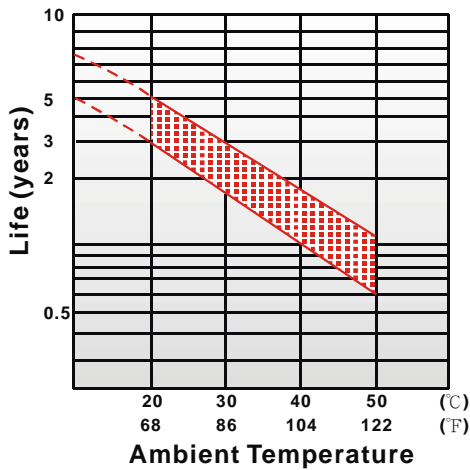
Effect of Temperature on Capacity 25°C(77°F)



Capacity Retention Characteristic



Trickle (or float) Service Life



100420-1D