

### ⚡ Specifications

#### Nominal Voltage(V)

12V

#### Nominal Capacity

20 hour rate	(0.35A	to	10.50V)	7Ah
5 hour rate	(1.19A	to	10.20V)	5.95Ah
1 hour rate	(3.85A	to	9.60V)	3.85Ah
1 C	(7A	to	9.60V)	3.73Ah

#### Weight

Approx. 2.45kg(5.39Lbs.)

#### Internal Resistance (at 1KHz)

Approx. 20 mΩ

#### Maximum Discharge Current for

5 seconds:105A

#### Charging Methods at 25°C(77°F)

Cycle use:	
Charging Voltage	13.8 to 14.4V
Coefficient -5.0mV/°C/cell	
Maximum Charging Current :	2.1A
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

7-10 Years.

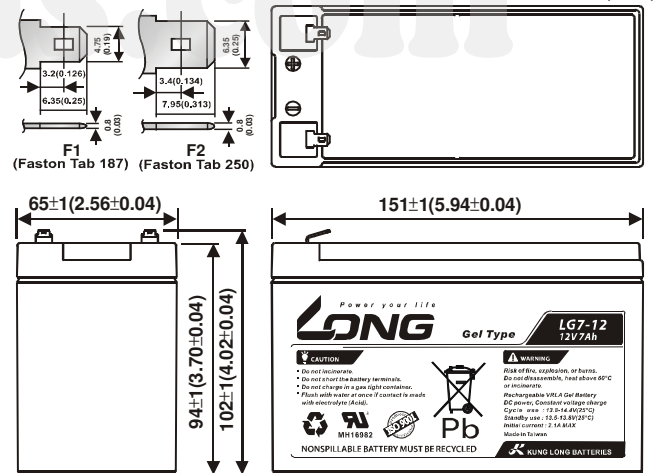
#### Terminal

F1 or F2 (Faston Tab 187 or 250)

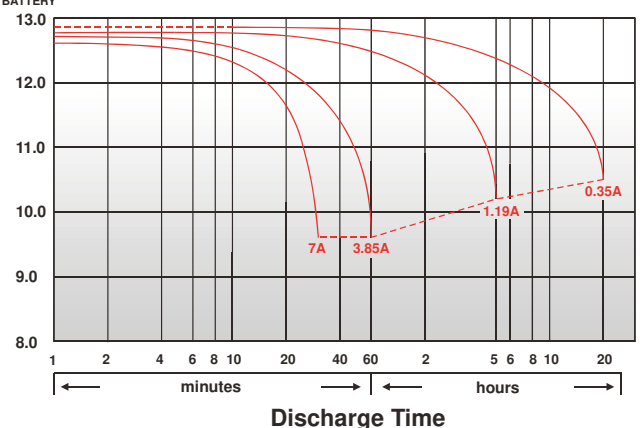


### ⚡ Dimensions

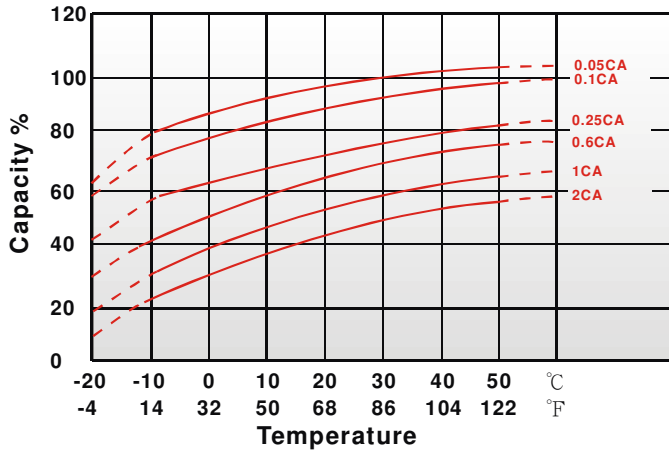
Length (L)	151±1 (5.94±0.04)
Width (W)	65±1 (2.56±0.04)
Height (H)	94±1 (3.70±0.04)
Overall Height (HT)	102±1 (4.02±0.04)



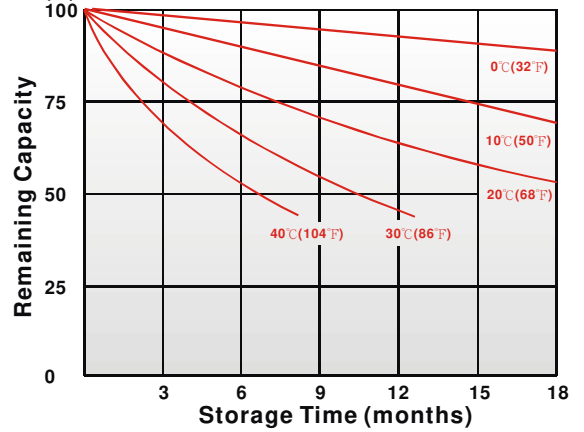
#### (V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



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

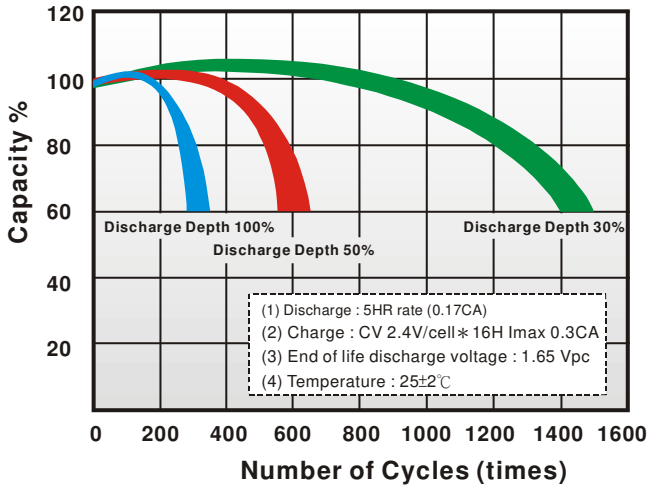


**Capacity Retention Characteristic**

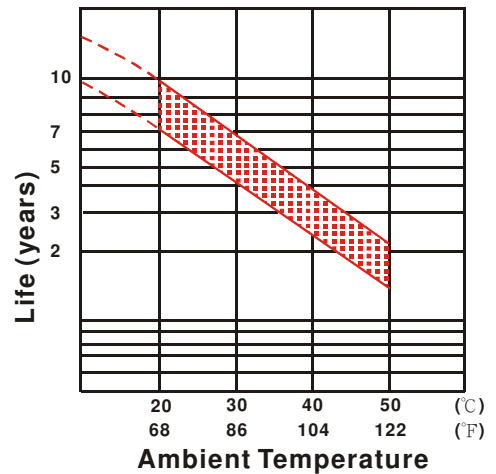


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**Cycle Service Life**



**Trickle (or float) Service Life**



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