

⚡ 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.

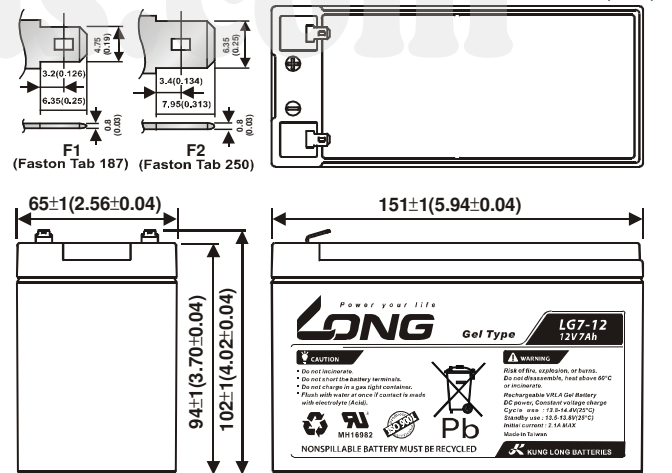
Terminal

F1 or F2 (Faston Tab 187 or 250)

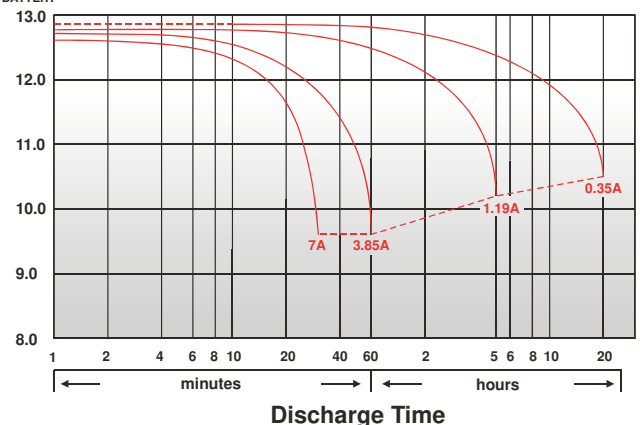


⚡ Dimensions

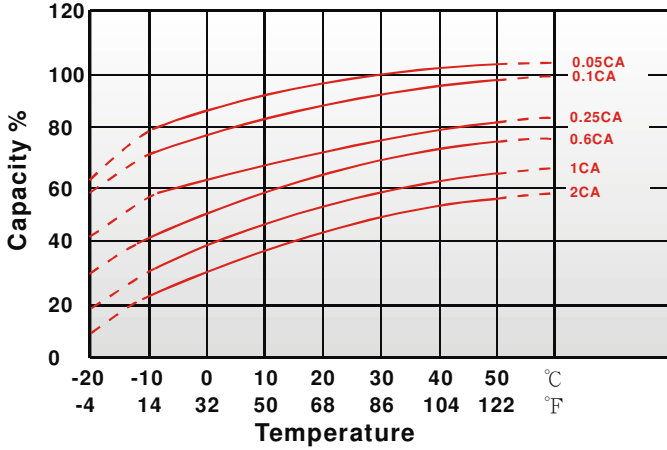
Length (L)	151±1 (5.94±0.04)
Width (W)	65±1 (2.56±0.04)
Height (H)	94±1 (3.70±0.04)
Overall Height (HT)	102±1 (4.02±0.04)



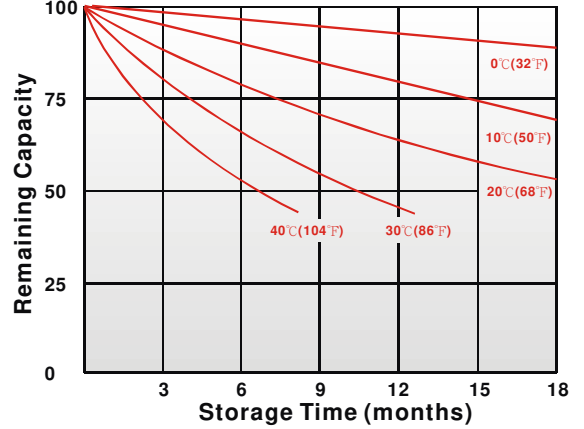
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



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

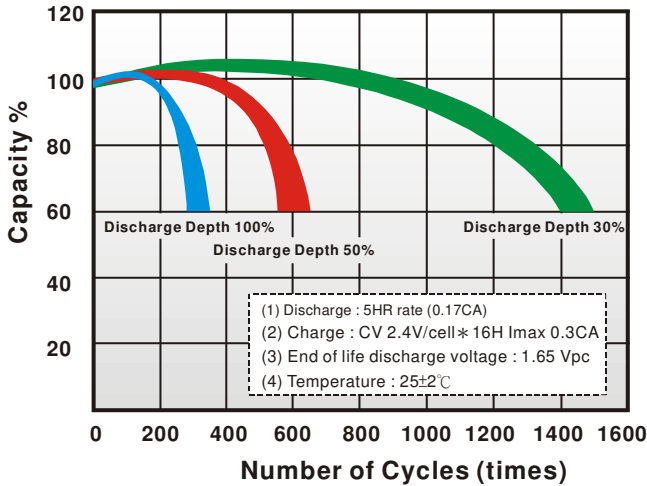


Capacity Retention Characteristic

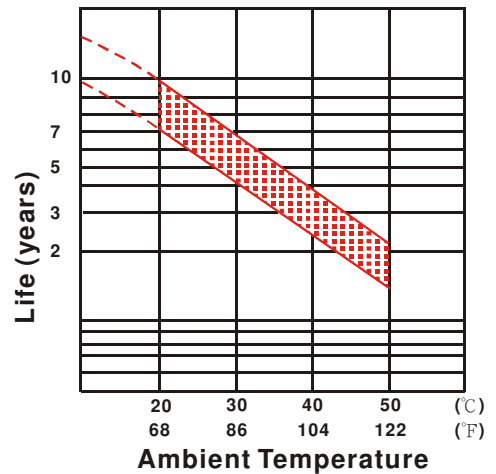


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Cycle Service Life



Trickle (or float) Service Life



170818-1E