

⚡ 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)

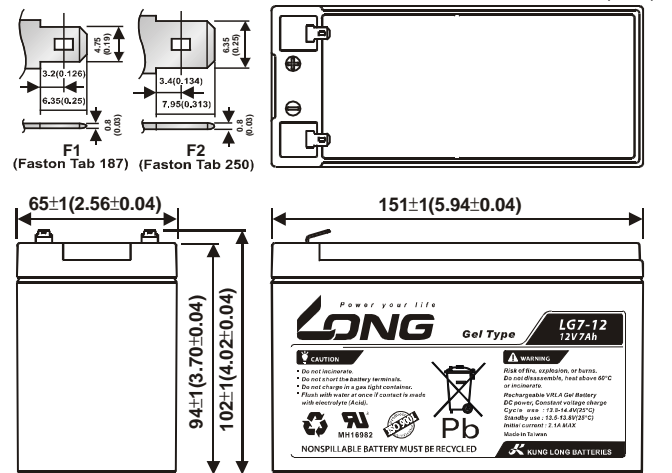
65±1 (2.56±0.04)

Height (H)

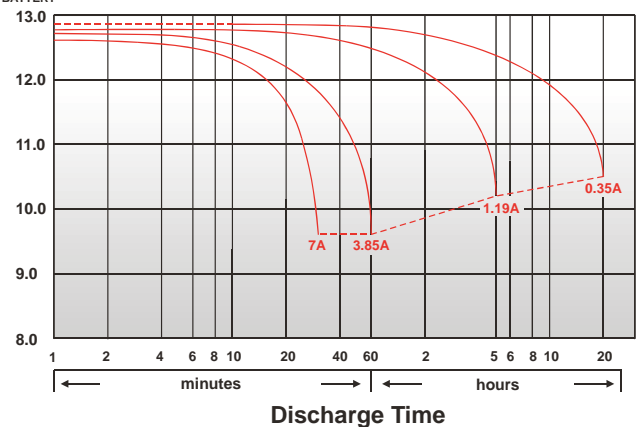
94±1 (3.70±0.04)

Overall Height (HT)

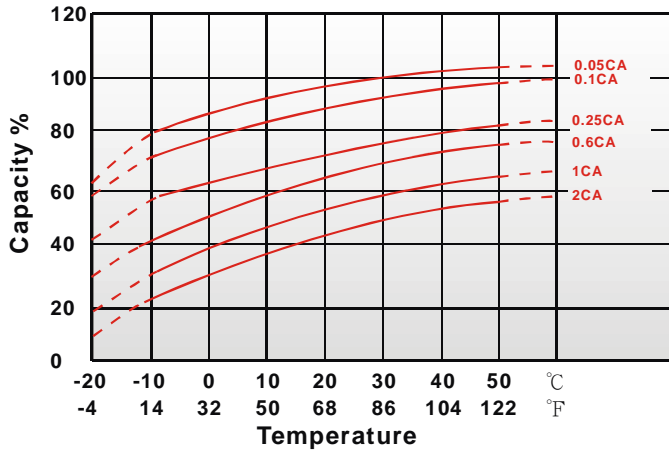
102±1 (4.02±0.04)



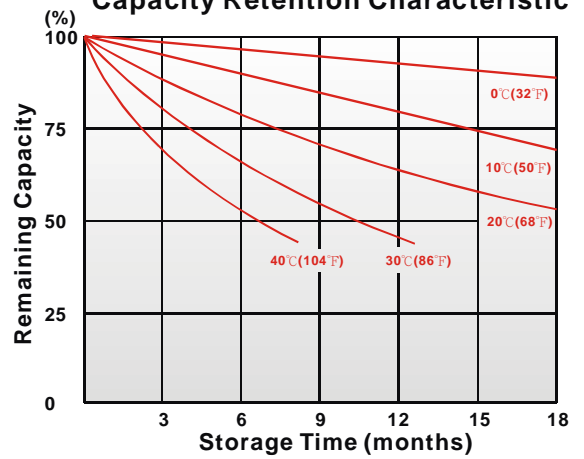
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



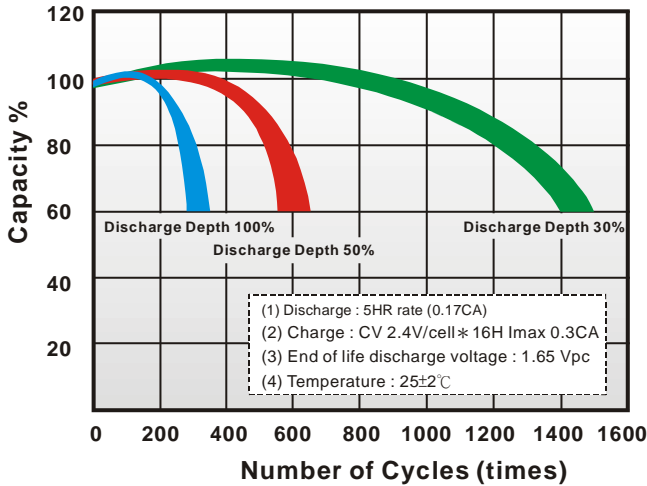
Effect of Temperature on Capacity 25°C(77°F)



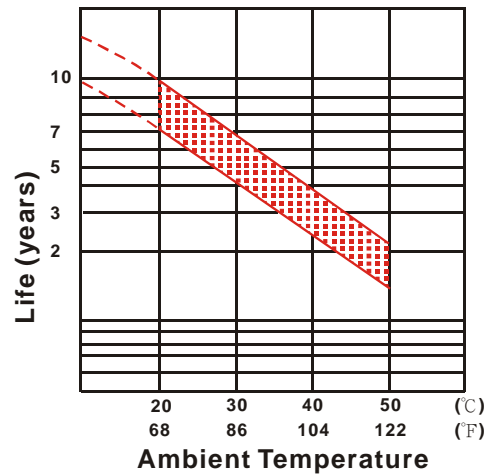
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



170818-1E