

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

| | | |
|--------------|-------------------|-------|
| 20 hour rate | (0.10A to 10.50V) | 2.0Ah |
| 10 hour rate | (0.19A to 10.50V) | 1.9Ah |
| 5 hour rate | (0.34A to 10.20V) | 1.7Ah |
| 1C | (2.0A to 9.60V) | 0.9Ah |

Weight

Approx. 690g(1.52Lbs.)

Internal Resistance (at 1KHz)

Approx. 105 mΩ

Temperature Resistance from Thermal Protector

65±5°C

Maximum Current Resistance

10A

Charging Methods at 25°C (77°F)

| | |
|----------------------------|----------------|
| Cycle use: | |
| Charging Voltage | 14.4 to 15.0V |
| Coefficient | -5.0mV/°C/cell |
| Maximum Charging Current : | 0.6A |
| 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

F13

(Thermal Protector)



⚡ Dimensions

Length (L)

182±1 (7.17±0.04)

Width (W)

23±1 (0.91±0.04)

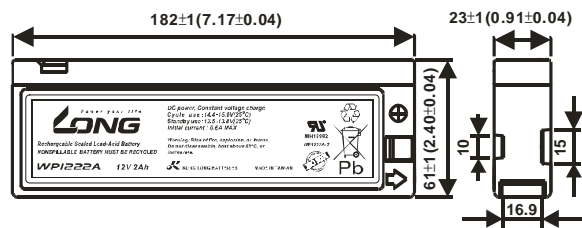
Height (H)

61±1 (2.40±0.04)

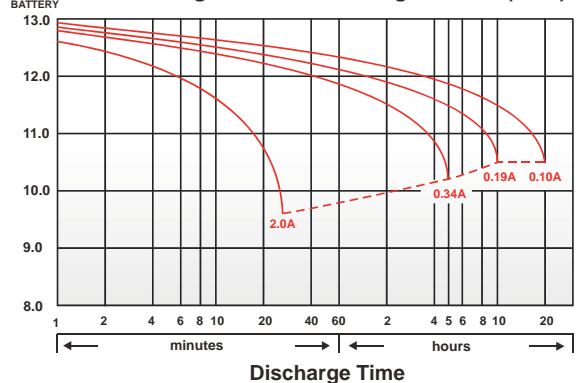
Overall Height (HT)

61±1 (2.40±0.04)

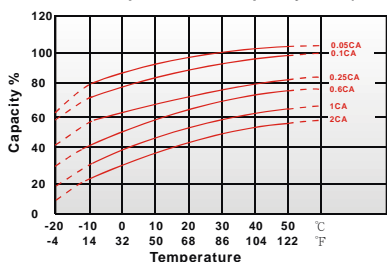
mm(inch)



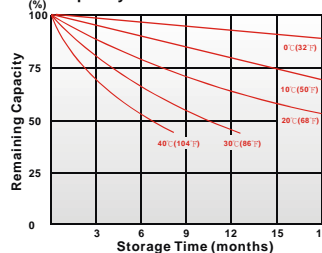
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



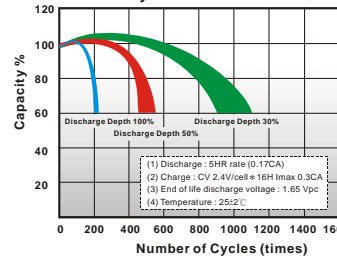
Effect of Temperature on Capacity 25°C (77°F)



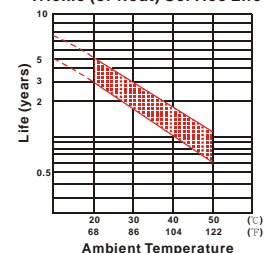
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



260522-1E