

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Capacity

| | | | | |
|--------------|--------|----|---------|--------|
| 20 hour rate | (1.2A | to | 10.50V) | 24Ah |
| 10 hour rate | (2.28A | to | 10.50V) | 22.8Ah |
| 5 hour rate | (4.08A | to | 10.20V) | 20.4Ah |
| 1 C | (24A | to | 9.60V) | 13.6Ah |
| 3 C | (72A | to | 9.60V) | 9.6Ah |

Weight

Approx. 7.14kg(15.7Lbs.)

Internal Resistance (at 1KHz)

Approx. 8 mΩ

Maximum Discharge Current for

5 seconds: 360A

Charging Methods at 25°C(77°F)

| | |
|----------------------------|---------------|
| Cycle use: | |
| Charging Voltage | 14.4 to 15.0V |
| Coefficient -5.0mV/°C/cell | |
| Maximum Charging Current : | 7.2A |
| 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

F6



⚡ Dimensions

Length (L) 181±2-1 (7.13±0.08-0.04)

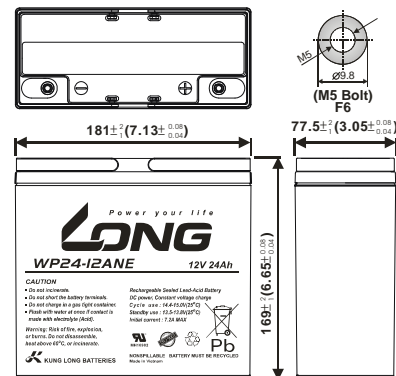
Width (W) 77.5±2-1 (3.05±0.08-0.04)

Height (H) 169±2-1 (6.65±0.08-0.04)

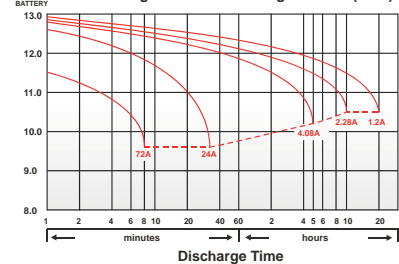
Overall Height (HT) 169±2-1 (6.65±0.08-0.04)

Recommended torque value M5: 4 N-m (41kgf-cm)

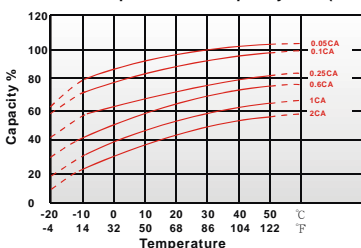
Maximum allowable torque value M5: 6 N-m (61kgf-cm)
mm(inch)



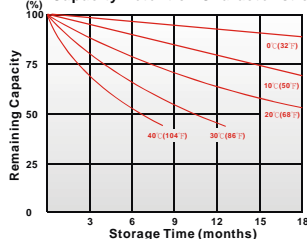
(4) Discharge Time VS. Discharge Current (25°C)



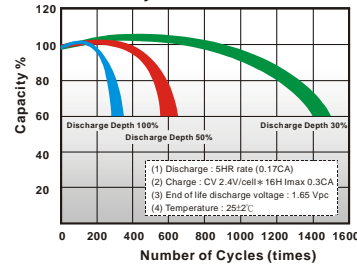
Effect of Temperature on Capacity 25°C(77°F)



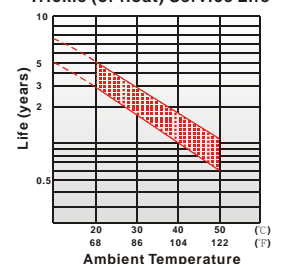
Capacity Retention Characteristic



Cycle Service Life



Trickle (or float) Service Life



260522-1G