

Specifications

Nominal Voltage(V)

12V

Nominal Capacity

| | | |
|--------------|--------------------|--------|
| 20 hour rate | (0.36A to 10.50V) | 7.2Ah |
| 10 hour rate | (0.684A to 10.50V) | 6.84Ah |
| 5 hour rate | (1.224A to 10.20V) | 6.12Ah |
| 1 C | (7.2A to 9.60V) | 3.84Ah |
| 3 C | (21.6A to 9.60V) | 2.52Ah |

Weight

Approx. 2.3kg(5.06Lbs.)

Internal Resistance (at 1KHz)

Approx. 19 mΩ

Maximum Discharge Current for

5 seconds: 108A

Charging Methods at 25°C(77°F)

| | |
|----------------------------|----------------|
| Maximum Charging Current : | 2.16A |
| 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.

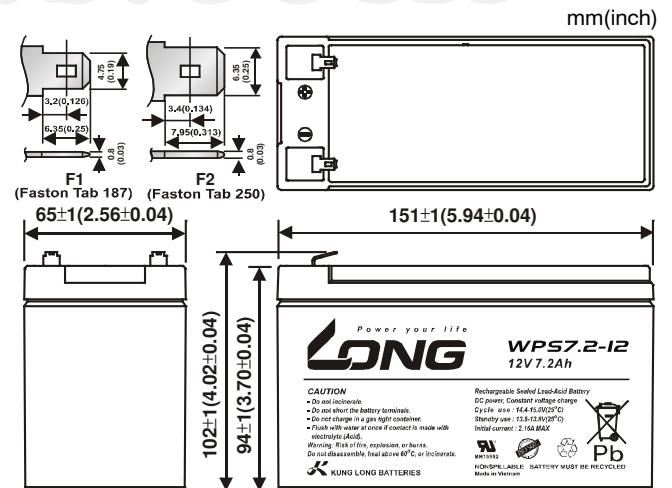
Terminal

F1 or F2 (Faston Tab 187 or 250)

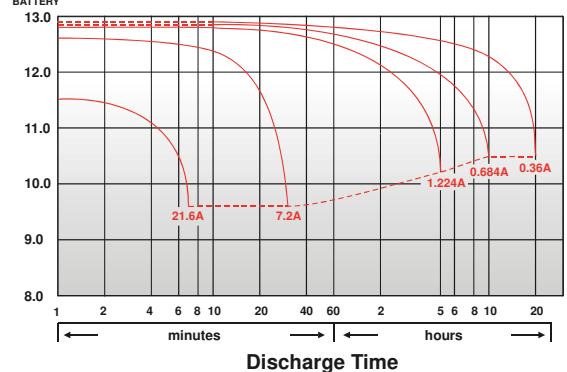


Dimensions

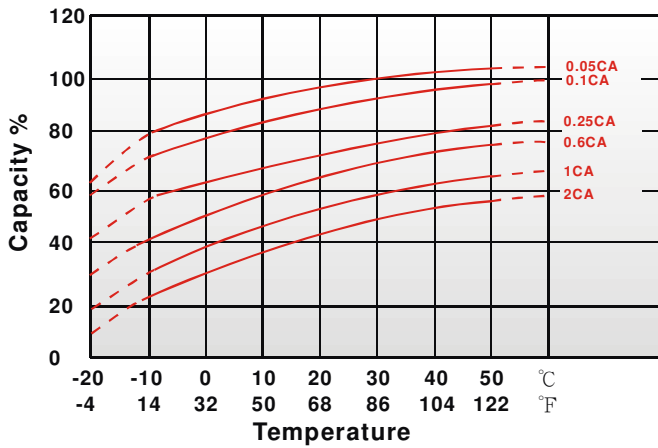
| | |
|---------------------|-------------------|
| Length (L) | 151±1 (5.94±0.04) |
| Width (W) | 65±1 (2.56±0.04) |
| Height (H) | 94±1 (3.70±0.04) |
| Overall Height (HT) | 102±1 (4.02±0.04) |



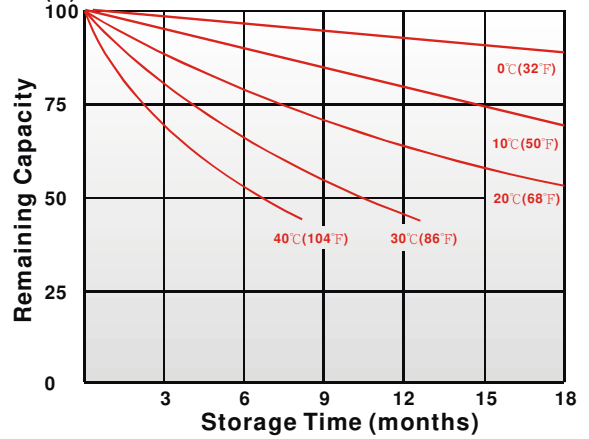
(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)



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

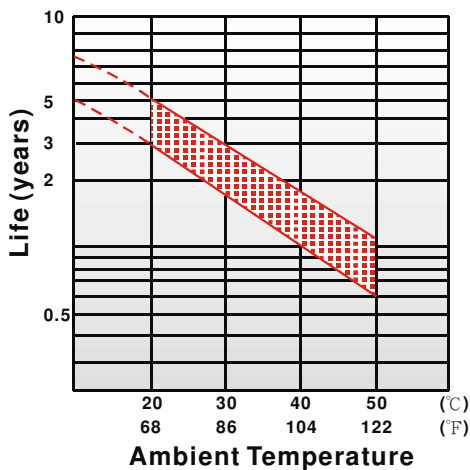


Capacity Retention Characteristic



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Trickle (or float) Service Life



100420-1D