

⚡ Specifications

Nominal Voltage(V)

12V

Nominal Power

15 mins rate: 28W/cell to 1.60V/cell

Nominal Capacity

| | | |
|--------------|--------------------|--------|
| 20 hour rate | (0.35A to 10.50V) | 7Ah |
| 10 hour rate | (0.665A to 10.50V) | 6.65Ah |
| 5 hour rate | (1.19A to 10.20V) | 5.95Ah |
| 1 C | (7A to 9.60V) | 4.43Ah |
| 3 C | (21A to 9.60V) | 2.8Ah |

Weight

Approx. 2.24kg(4.93Lbs.)

Internal Resistance (at 1KHz)

Approx. 19 mΩ

Maximum Discharge Current for

5 seconds: 105A

Charging Methods at 25°C (77°F)

| | |
|----------------------------|---------------|
| Cycle use: | |
| Charging Voltage | 14.4 to 15.0V |
| 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

3-5 Years.

Terminal

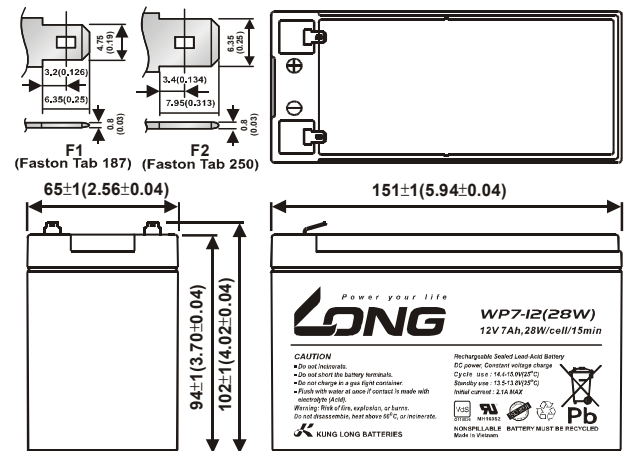
F1 or F2 (Faston Tab 187 or 250)



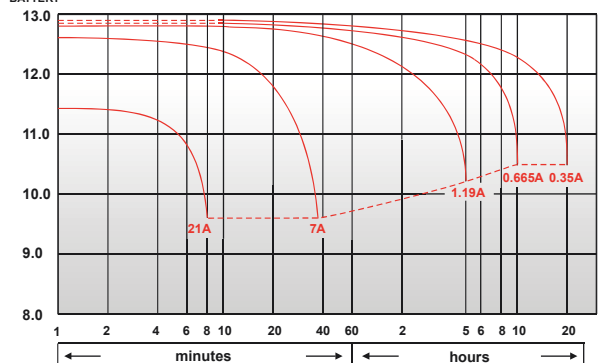
⚡ Dimensions

| | |
|---------------------|-------------------|
| 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) |

mm(inch)



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



110718-1E