



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 3.3



WP1.2-6

Specifications

Nominal Voltage (V) 6V

Nominal Capacity

| | |
|--------------------------------|--------|
| 20hour rate (0.06A to 5.25V) | 1.2Ah |
| 10hour rate (0.12A to 5.25V) | 1.14Ah |
| 5hour rate (0.2A to 5.25V) | 1Ah |
| 1C (1.2A to 4.80V) | 0.54Ah |
| 3C (3.6A to 4.80V) | 0.43Ah |

Weight 0.308kg(0.68Lbs.)

Internal Resistance (at 1KHz) 41 mΩ

Maximum Discharge Current for 30 seconds : 12A

Maximum Discharge Current for 5 seconds : 48A

Operating Temperature Range

| | |
|-----------|-----------------------------|
| Charge | 0°C (32°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% |

Charging Methods at 25°C (77°F)

Cycle use:

Charging Voltage 7.20 to 7.50V
Maximum Charging Current : 0.36A

Standby use :

Float Charging Voltage 6.75 to 6.90V

Life expectancy :

Cycle Use :

100% depth of discharge 200 cycles
80% depth of discharge 225 cycles
50% depth of discharge 500 cycles

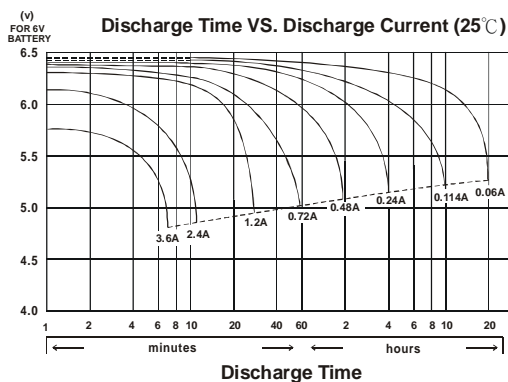
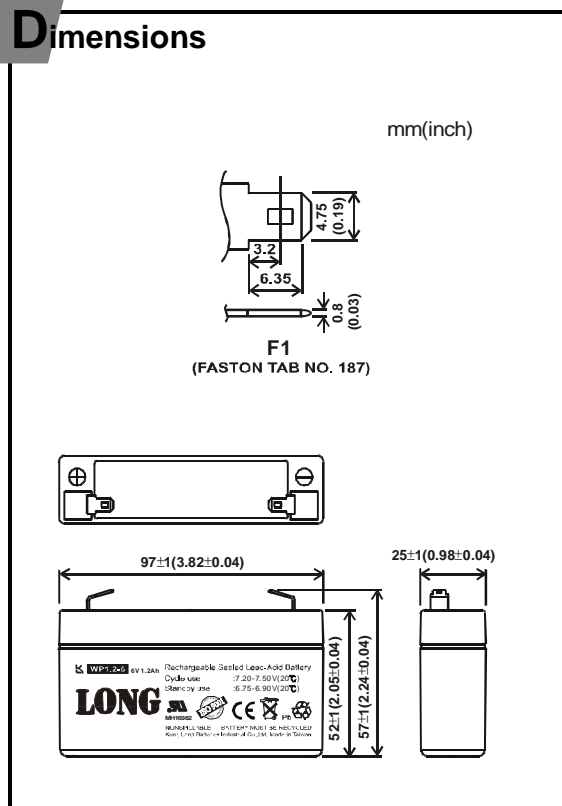
Standby Use : 3~5years

Case Material ABS

(Option : 94-HB & 94V-0 flame retardant case)

Terminal F1

Dimensions



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