



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2



WP1.5-12

Specifications

| | | |
|----------------------------------|---------|--|
| Nominal Voltage (V) | 12V | |
| Nominal Capacity | | |
| 20hour rate (0.075A to 10.50V) | 1.5Ah | |
| 10hour rate (0.15A to 10.50V) | 1.5Ah | |
| 5hour rate (0.255A to 10.20V) | 1.275Ah | |
| 1C (1.5A to 9.60V) | 0.675Ah | |
| 3C (4.5A to 9.60V) | 0.54Ah | |

Weight 0.628kg(1.38Lbs.)

Internal Resistance (at 1KHz) 61 mΩ

Maximum Discharge Current for 30 seconds : 30A

Maximum Discharge Current for 5 seconds : 60A

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%

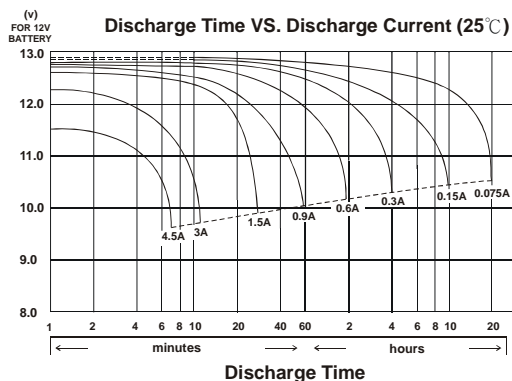
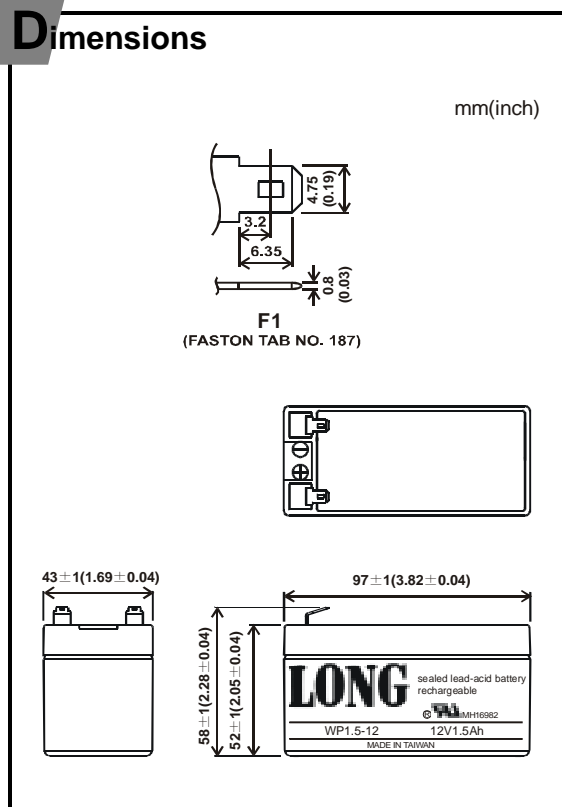
Charging Methods at 25°C (77°F)
Cycle use:
 Charging Voltage 14.4 to 15.0V
 Maximum Charging Current : 0.45A
Standby use :
 Float Charging Voltage 13.50 to 13.80V
 No current limit required

Life expectancy :
Cycle Use :
 100% depth of discharge 250 cycles
 80% depth of discharge 350 cycles
 50% depth of discharge 550 cycles
Standby Use : 3~5years

Case Material ABS
 (94-HB & 94V-0 flame retardant case)

Terminal F1

Dimensions



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