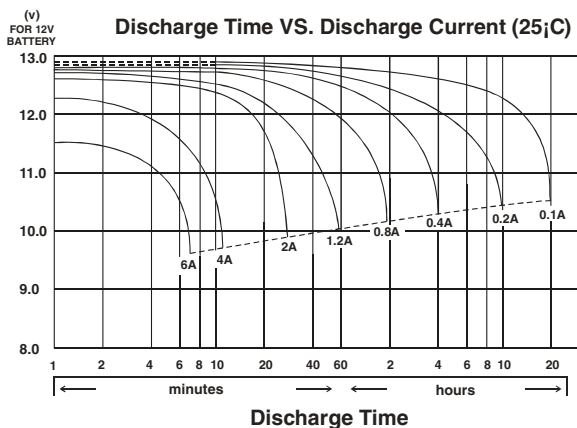
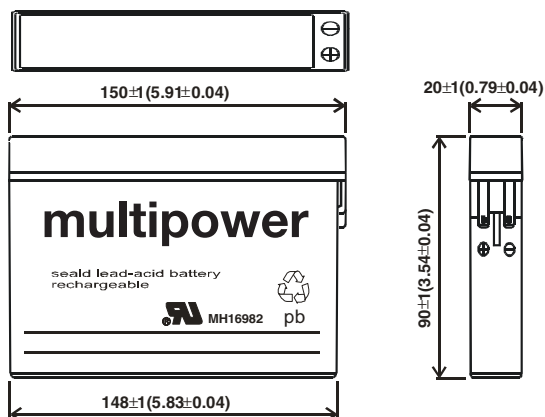
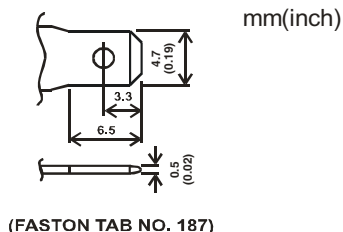


RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP2-12SL

Nominal Voltage (V) 12V

Nominal Capacity

| | |
|--------------------------------|--------|
| 20hour rate (0.1A to 10.50V) | 2Ah |
| 10hour rate (0.2A to 10.50V) | 2Ah |
| 5hour rate (0.34A to 10.20V) | 1.7Ah |
| 1C (2A to 9.60V) | 0.9Ah |
| 3C (6A to 9.60V) | 0.72Ah |

Weight 0.762kg(1.68Lbs.)

Internal Resistance (at 1KHz) 45 mΩ

Maximum Discharge Current for 30 seconds : 40A

Maximum Discharge Current for 5 seconds : 80A

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: 0.6A

Standby use:
 Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use:
 100% depth of discharge 200 cycles
 80% depth of discharge 225 cycles
 50% depth of discharge 500 cycles

Standby Use: 3-5 years

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

Terminal F1