

## RECHARGEABLE SEALED LEAD ACID BATTERY

## SPECIFICATION



### MP1250

**Nominal Voltage (V)** 12V

#### Nominal Capacity

|                                 |        |
|---------------------------------|--------|
| 20hour rate ( 0.17A to 10.50V ) | 2Ah    |
| 10hour rate ( 0.16A to 10.50V ) | 2Ah    |
| 5hour rate ( 0.56A to 10.20V )  | 1.7Ah  |
| 1C ( 3.3A to 9.60V )            | 0.9Ah  |
| 3C ( 9.9A to 9.60V )            | 0.72Ah |

**Weight** 0.65kg(1.43Lbs.)

**Internal Resistance (at 1KHz)** 105 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** F13

