



### 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

