



MP1222A

Nominal Voltage (V) 12V

Nominal Capacity

| | | |
|-------------|---------------------|--------|
| 20hour rate | (0.1A to 10.50V) | 2.0Ah |
| 10hour rate | (0.2A to 10.50V) | 2.0Ah |
| 5hour rate | (0.34A to 10.20V) | 1.7Ah |
| 1C | (2.0A to 9.60V) | 0.9Ah |
| 3C | (6.0 A to 9.60V) | 0.72Ah |

Weight 0.755kg(1.66Lbs.)

Internal Resistance (at 1KHz) 105 mΩ

Operating Temperature Range

| | |
|-----------|------------------------------|
| Charge | 0°C (32°F) to 40°C (104°F) |
| Discharge | -20°C (-4°F) to 50°C (122°F) |
| Storage | -20°C (-4°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:

Maximum Charging Current: 0.6A
Charging Voltage 14.4 to 15.0V

Standby use:

Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Standby Use: 3-5 years

Cycle Use:

100% depth of discharge 225 cycles
80% depth of discharge 250 cycles
50% depth of discharge 750 cycles

Case Material ABS

Terminal F13

