

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP1220

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.115A to 10.50V)	2.3Ah
10hour rate (0.23A to 10.50V)	2.3Ah
5hour rate (0.391A to 10.20V)	1.955Ah
1C (2.3A to 9.60V)	1.035Ah
3C (6.9A to 9.60V)	0.828Ah

Weight 0.724kg(1.60Lbs.)

Internal Resistance (at 1KHz) 105 mΩ

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: 0.69A
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

Terminal F12

mm(inch)

