

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



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

