

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP4-12D

Nominal Voltage (V)	12V
Nominal Capacity	
20hour rate (0.20Ah)	4Ah
10hour rate (0.37Ah)	3.7Ah
5hour rate (0.68Ah)	3.4Ah
1hour rate (2.4Ah)	2.4Ah

Weight 1.6kg (3.53Lbs.)

Internal Resistance (at 1KHz) 40 mΩ

Maximum Discharge Current for 5 seconds : 60A

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 20°C (68°F)

Cycle use:
Charging Voltage 14.4 to 15.0V
Maximum Charging Current: 1.5A

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 F1

