

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP13-6

Nominal Voltage (V) 6V

Nominal Capacity

20hour rate (0.65A to 5.25V)	13Ah
10hour rate (1.3A to 5.25V)	13Ah
5hour rate (2.21A to 5.25V)	11.05Ah
1C (13A to 4.80V)	5.85Ah
3C (39A to 4.80V)	4.68Ah

Weight 2.179kg(4.79Lbs.)

Internal Resistance (at 1KHz) 8 mΩ

Maximum Discharge Current for 30 seconds : 260A

Maximum Discharge Current for 5 seconds : 520A

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 7.20 to 7.50V
Maximum Charging Current: 3.9A

Standby use:

Float Charging Voltage 6.75 to 6.90V

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- ,F2+

