



MP4,5-12

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.225A to 10.50V)	4.5Ah
10hour rate (0.419A to 10.50V)	4.19Ah
5hour rate (0.77A to 10.20V)	3.85Ah
3hour rate (1.15A to 10.50V)	3.45Ah
1hour rate (2.65A to 9.60V)	2.65Ah

Weight 1.60kg (3.53lbs.)

Internal Resistance (at 1KHz) 40 mΩ

Maximum Discharge Current for 5 seconds : 675A

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: 1.35A

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