



MP5-12C

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.25A to 10.50V)	5Ah
10hour rate (0.5A to 10.50V)	5Ah
5hour rate (0.85A to 10.20V)	4.25Ah
1C (5A to 9.60V)	3.5Ah
3C (15A to 9.60V)	2.55Ah

Weight 2.01kg(4.43Lbs.)

Internal Resistance (at 1KHz) 18 mΩ

Maximum Discharge Current for 30 seconds : 100A

Maximum Discharge Current for 5 seconds : 200A

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: 1.5A

Standby use:
 Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use:
 100% depth of discharge 225 cycles
 80% depth of discharge 250 cycles
 50% depth of discharge 750 cycles

Standby Use: 3-5 years

Case Material ABS
 (Option: 94-HB & 94V-0 flame retardant case)

Terminal F2

