



## MP4,5-4

**Nominal Voltage (V)** 4V

### Nominal Capacity

20hour rate ( 0.225A to 3.50V )	4.5Ah
10hour rate ( 0.45A to 3.50V )	4.5Ah
5hour rate ( 0.765A to 3.50V )	3.825Ah
1C ( 4.5A to 3.20V )	2.025Ah
3C ( 13.5A to 3.20V )	1.62Ah

**Weight** 0.652kg(1.44Lbs.)

**Internal Resistance (at 1KHz)** 11 mΩ

**Maximum Discharge Current for 30 seconds :** 90A

**Maximum Discharge Current for 5 seconds :** 180A

### 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 4.80 to 5.00V  
Maximum Charging Current: 1.35A

#### Standby use:

Float Charging Voltage 4.50 to 4.60V

### 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** F2