



# MP7-6S

**Nominal Voltage (V)** 6V

**Nominal Capacity**

20hour rate ( 0.35A to 5.25V )	7Ah
10hour rate ( 0.7A to 5.25V )	6.65Ah
5hour rate ( 1.19A to 5.25V )	5.95Ah
1C ( 7A to 4.80V )	3.15Ah
3C ( 21A to 4.80V )	2.45Ah

**Weight** 1.38kg(3.05Lbs.)

**Internal Resistance (at 1KHz)** 8 mΩ

**Maximum Discharge Current for 30 seconds :** 140A

**Maximum Discharge Current for 5 seconds :** 280A

### 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 7.20 to 7.50V  
 Maximum Charging Current: 2.1A

**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 or F2

