



### MP2,8-6P

**Nominal Voltage (V)** 6V

**Nominal Capacity**

20hour rate ( 0.14A to 5.25V )	2.8Ah
10hour rate ( 0.28A to 5.25V )	2.8Ah
5hour rate ( 0.48A to 5.25V )	2.4Ah
1C ( 2.8A to 4.80V )	1.26Ah
3C ( 8.4A to 4.80V )	1.01Ah

**Weight** 0.569kg(1.25Lbs.)

**Internal Resistance (at 1KHz)** 21 mΩ

**Maximum Discharge Current for 30 seconds :** 56A

**Maximum Discharge Current for 5 seconds :** 112A

#### 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: 0.84A

##### 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