



## MP20-6

**Nominal Voltage (V)** 6V

### Nominal Capacity

20hour rate ( 1A to 5.25V )	20Ah
10hour rate ( 2A to 5.25V )	20Ah
5hour rate ( 3.4A to 5.25V )	17Ah
1C ( 20A to 4.80V )	9Ah
3C ( 60A to 4.80V )	7.2Ah

**Weight** 3.993kg(8.78Lbs.)

**Internal Resistance (at 1KHz)** 5 mΩ

**Maximum Discharge Current for 30 seconds :** 400A

**Maximum Discharge Current for 5 seconds :** 800A

### 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: 6A

#### 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** F3