



**MP10-6**

**Nominal Voltage (V)** 6V

**Nominal Capacity**

20hour rate ( 0.5A to 5.25V )	10Ah
10hour rate ( 1A to 5.25V )	10Ah
5hour rate ( 1.7A to 5.25V )	8.5Ah
1C ( 10A to 4.80V )	4.5Ah
3C ( 30A to 4.80V )	3.6Ah

**Weight** 1.99kg(4.38Lbs.)

**Internal Resistance (at 1KHz)** 7 mΩ

**Maximum Discharge Current for 30 seconds :** 200A

**Maximum Discharge Current for 5 seconds :** 400A

**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: 3A

**Standby use:**  
 Float Charging Voltage 6.75 to 6.90V

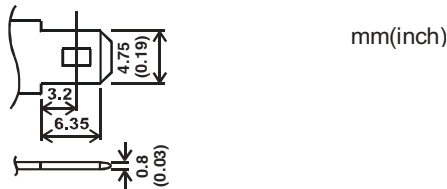
**Life expectancy :**

**Cycle Use:**  
 100% depth of discharge 200 cycles  
 80% depth of discharge 225 cycles  
 50% depth of discharge 500 cycles

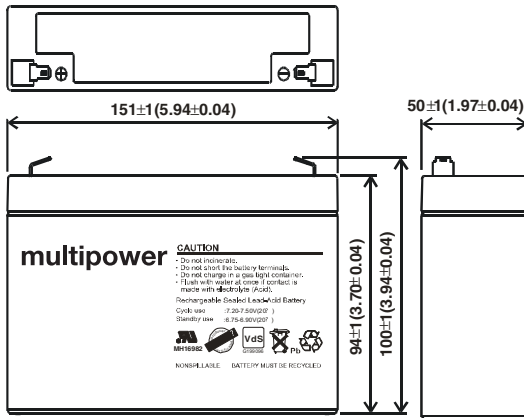
**Standby Use:** 3-5 years

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

**Terminal** F1



**F1**  
 (FASTON TAB NO. 187)



**(V) FOR 6V BATTERY**  
**Discharge Time VS. Discharge Current (25°C)**

