

**MP2,2-12**



**Nominal Voltage (V)** 12V

**Nominal Capacity**

20hour rate ( 0.11A to 10.50V )	2.2Ah
10hour rate ( 0.22A to 10.50V )	2.2Ah
5hour rate ( 0.37A to 10.20V )	1.87Ah
1C ( 2.3A to 9.60V )	0.99Ah
3C ( 6.6A to 9.60V )	0.79Ah

**Weight** 1.06kg(2.34Lbs.)

**Internal Resistance (at 1KHz)** 36 mΩ

**Maximum Discharge Current for 30 seconds :** 46A

**Maximum Discharge Current for 5 seconds :** 92A

**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 14.4 to 15.0V  
 Maximum Charging Current: 0.69A

**Standby use:**  
 Float Charging Voltage 13.50 to 13.80V

**Life expectancy :**

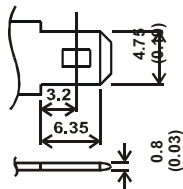
**Cycle Use:**  
 100% depth of discharge 200 cycles  
 80% depth of discharge 225 cycles  
 50% depth of discharge 500 cycles

**Standby Use:** 3-5 years

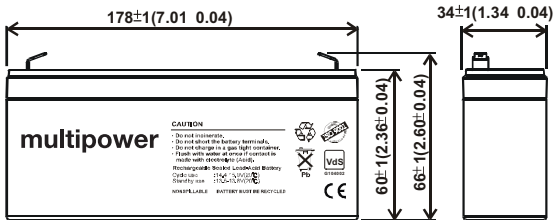
**Case Material** ABS  
 (Option: 94-HB & 94V-0 flame retardant case)

**Terminal** F1

mm(inch)



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



**Discharge Time VS. Discharge Current (25°C)**

