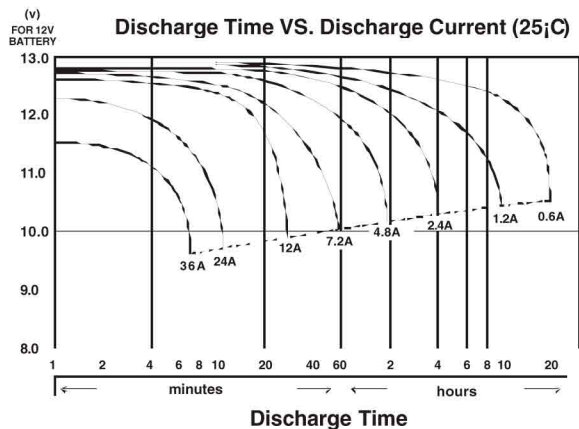
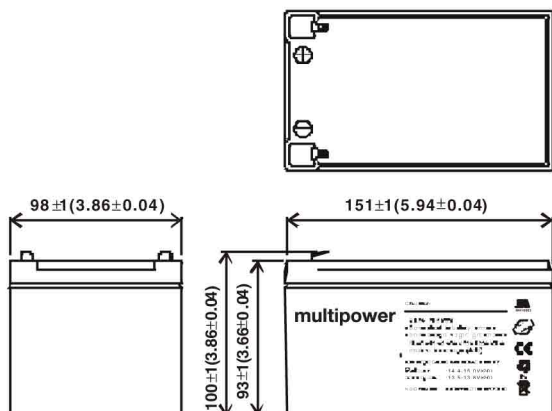
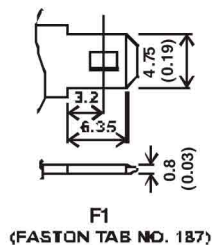




mm(inch)

**MP12-12****Nominal Voltage (V)** 12V**Nominal Capacity**

20hour rate (0.6A to 10.50V)	12Ah
10hour rate (1.2A to 10.50V)	12Ah
5hour rate (2.04A to 10.20V)	10.2Ah
1C (12A to 9.60V)	5.4Ah
3C (36A to 9.60V)	4.32Ah

Weight 4.27kg(9.39Lbs.)**Internal Resistance (at 1KHz)** 13 mΩ**Maximum Discharge Current for 30 seconds :** 240A**Maximum Discharge Current for 5 seconds :** 480A**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: 3.6A

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