



MP8-12C

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.4A to 10.50V)	8Ah
10hour rate (0.8A to 10.50V)	8Ah
5hour rate (1.36A to 10.20V)	6.8Ah
1C (8A to 9.60V)	5.6Ah
3C (24A to 9.60V)	4.08Ah

Weight 2.808kg(6.19Lbs.)

Internal Resistance (at 1KHz) 15 mΩ

Maximum Discharge Current for 30 seconds :

160A

Maximum Discharge Current for 5 seconds :

320A

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: 2.4A

Standby use:

Float Charging Voltage 13.50 to 13.80V

Life expectancy :

Cycle Use:

- 100% depth of discharge 225 cycles
- 80% depth of discharge 250 cycles
- 50% depth of discharge 750 cycles

Standby Use: 3-5 years

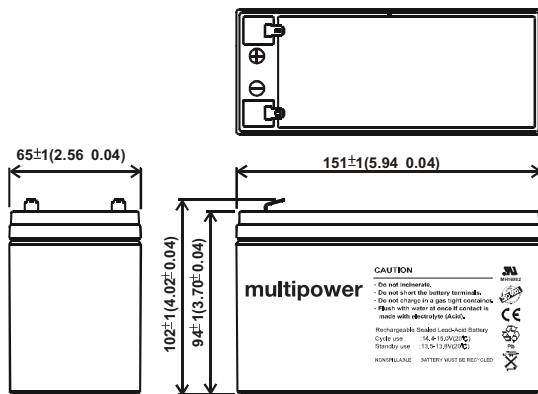
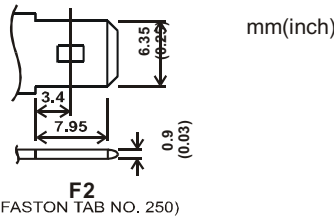
Case Material

ABS

(Option: 94-HB & 94V-0 flame retardant case)

Terminal

F2



(v) FOR 12V BATTERY Discharge Time VS. Discharge Current (25°C)

