

RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP12-12C

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) 8.4Ah
 3C (36A to 9.60V) 6.12Ah

Weight 3.93kg(8.65Lbs.)

Internal Resistance (at 1KHz) 9 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

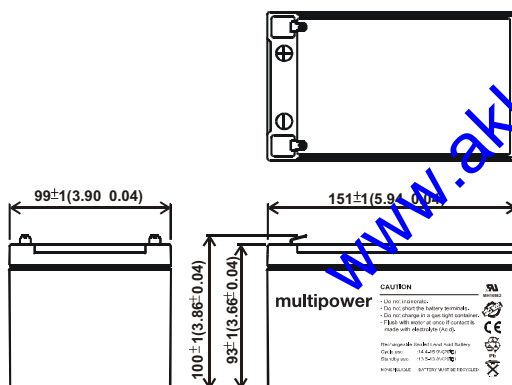
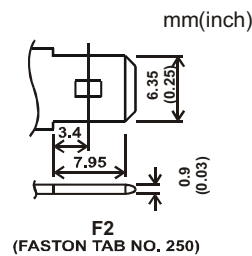
Life expectancy :

Cycle Use:
 100% depth of discharge 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)**

