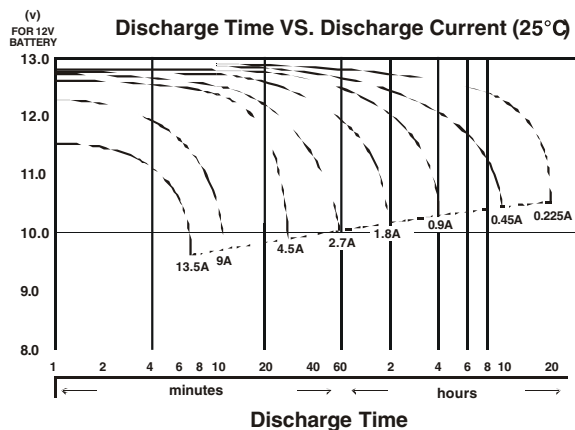
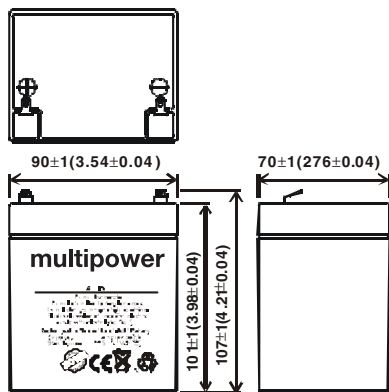
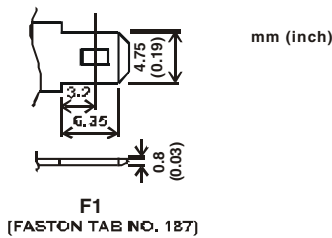


RECHARGEABLE SEALED LEAD ACID BATTERY

SPECIFICATION



MP4,5-12

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.225A to 10.50V)	4.5Ah
10hour rate (0.45A to 10.50V)	4.5Ah
5hour rate (0.765A to 10.20V)	3.825Ah
1C (4.5A to 9.60V)	2.025Ah
3C (13.5A to 9.60V)	1.62Ah

Weight 1.828kg(4.02Lbs.)

Internal Resistance (at 1KHz) 30 mΩ

Maximum Discharge Current for 30 seconds : 90A

Maximum Discharge Current for 5 seconds : 180A

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: 1.35A

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