



MP5,4-12

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate (0.27A to 10.50V)	5.4Ah
10hour rate (0.502A to 10.50V)	5.02Ah
5hour rate (0.92A to 10.50V)	4.6Ah
3hour rate (1.38A to 10.50V)	4.14Ah
1hour rate (3.39A to 9.60V)	3.39Ah

Weight 1.68kg (3.70Lbs.)

Internal Resistance (at 1KHz) 30 mΩ

Maximum Discharge Current for 5 seconds : 81A

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 :

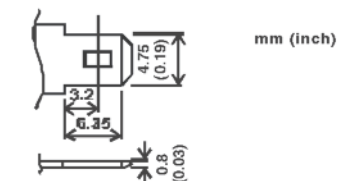
Cycle Use:

- 100% depth of discharge 200 cycles
- 80% depth of discharge 225 cycles
- 50% depth of discharge 500 cycles

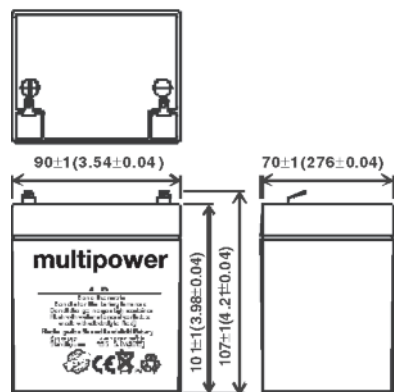
Standby Use: 3-5 years

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

Terminal F1



F1
[FASTON TAB NO. 187]



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

