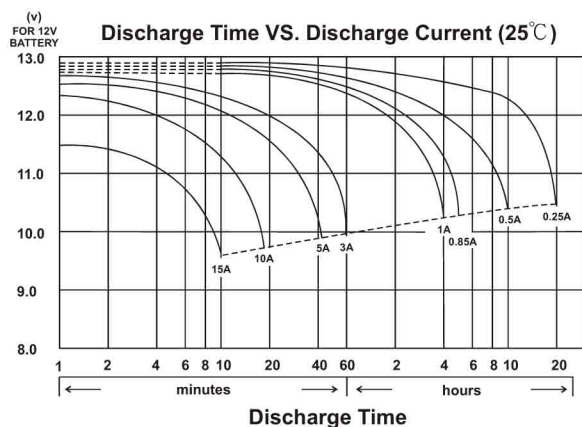
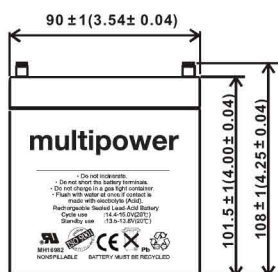
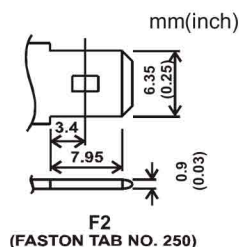


# RECHARGEABLE SEALED LEAD ACID BATTERY

# SPECIFICATION



## MP5-12C

Nominal Voltage (V) 12V

### Nominal Capacity

|                                 |        |
|---------------------------------|--------|
| 20hour rate ( 0.25A to 10.50V ) | 5Ah    |
| 10hour rate ( 0.5A to 10.50V )  | 5Ah    |
| 5hour rate ( 0.85A to 10.20V )  | 4.25Ah |
| 1C ( 5A to 9.60V )              | 3.5Ah  |
| 3C ( 15A to 9.60V )             | 2.55Ah |

Weight 2.01kg(4.43Lbs.)

Internal Resistance (at 1KHz) 18 mΩ

Maximum Discharge Current for  
30 seconds :

100A

Maximum Discharge Current for  
5 seconds :

200A

### 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: 1.5A

#### 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