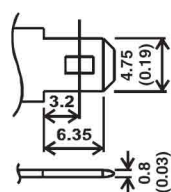


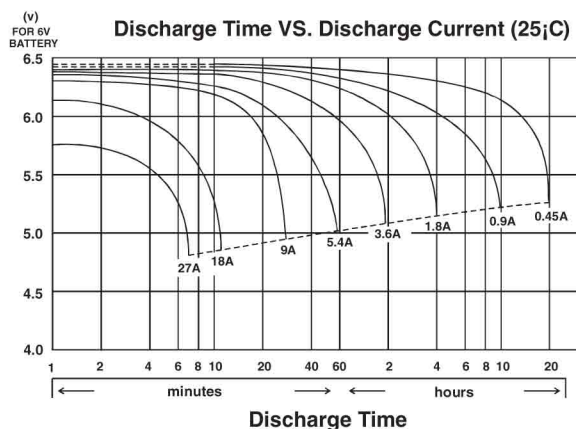
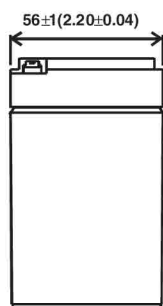
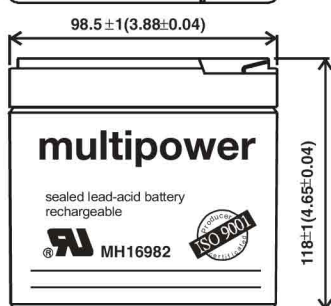
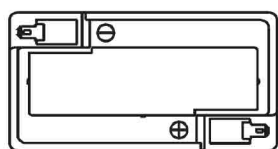
# RECHARGEABLE SEALED LEAD ACID BATTERY

# SPECIFICATION



mm(inch)

**F1**  
(FASTON TAB NO. 187)



## MP9-6A

**Nominal Voltage (V)** 6V

### Nominal Capacity

|                                |        |
|--------------------------------|--------|
| 20hour rate ( 0.45A to 5.25V ) | 9Ah    |
| 10hour rate ( 0.9A to 5.25V )  | 9Ah    |
| 5hour rate ( 1.53A to 5.25V )  | 7.65Ah |
| 1C ( 9A to 4.80V )             | 4.05Ah |
| 3C ( 27A to 4.80V )            | 3.24Ah |

**Weight** 1.57kg(3.47Lbs.)

**Internal Resistance (at 1KHz)** 10 mΩ

**Maximum Discharge Current for 30 seconds :** 180A

**Maximum Discharge Current for 5 seconds :** 360A

### 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 7.20 to 7.50V  
Maximum Charging Current: 2.7A

#### Standby use:

Float Charging Voltage 6.75 to 6.90V

### 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