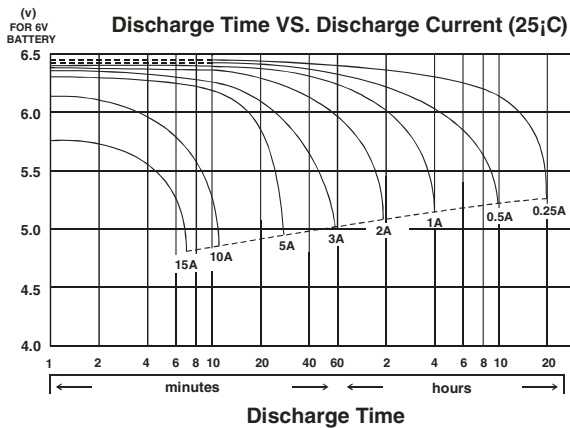
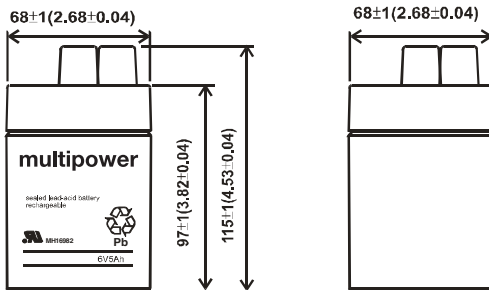
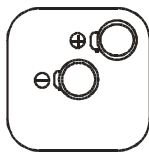
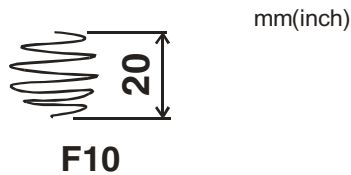


# RECHARGEABLE SEALED LEAD ACID BATTERY

# SPECIFICATION



## MP5-6S

**Nominal Voltage (V)** 6V

### Nominal Capacity

20hour rate ( 0.25A to 5.25V )	5Ah
10hour rate ( 0.5A to 5.25V )	5Ah
5hour rate ( 0.85A to 5.25V )	4.25Ah
1C ( 5A to 4.80V )	2.25Ah
3C ( 15A to 4.80V )	1.8Ah

**Weight** 0.97kg(2.14Lbs.)

**Internal Resistance (at 1KHz)** 85 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 7.20 to 7.50V  
Maximum Charging Current: 1.5A

#### 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** F10