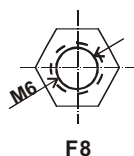
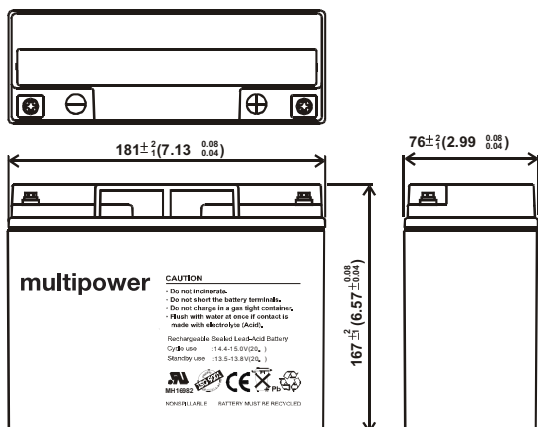


# RECHARGEABLE SEALED LEAD ACID BATTERY

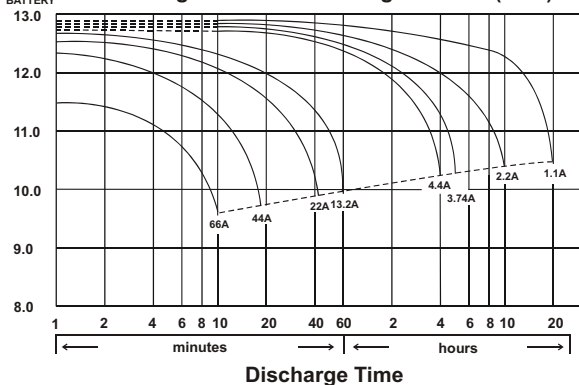
# SPECIFICATION



mm(inch)



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



## MP22-12C

**Nominal Voltage (V)** 12V

### Nominal Capacity

20hour rate ( 1.1A to 10.50V )	22Ah
10hour rate ( 2.2A to 10.50V )	22Ah
5hour rate ( 3.74A to 10.20V )	18.7Ah
1C ( 22A to 9.60V )	15.4Ah
3C ( 66A to 9.60V )	11.22Ah

**Weight** 6.773kg(14.93Lbs.)

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

**Maximum Discharge Current for 30 seconds :** 440A

**Maximum Discharge Current for 5 seconds :** 880A

### 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: 6.6A

#### 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** F8