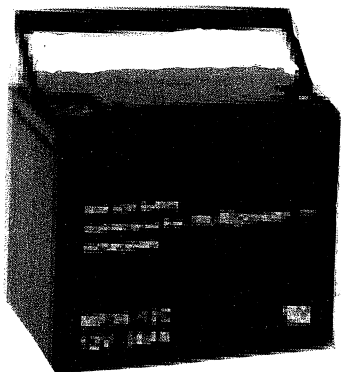
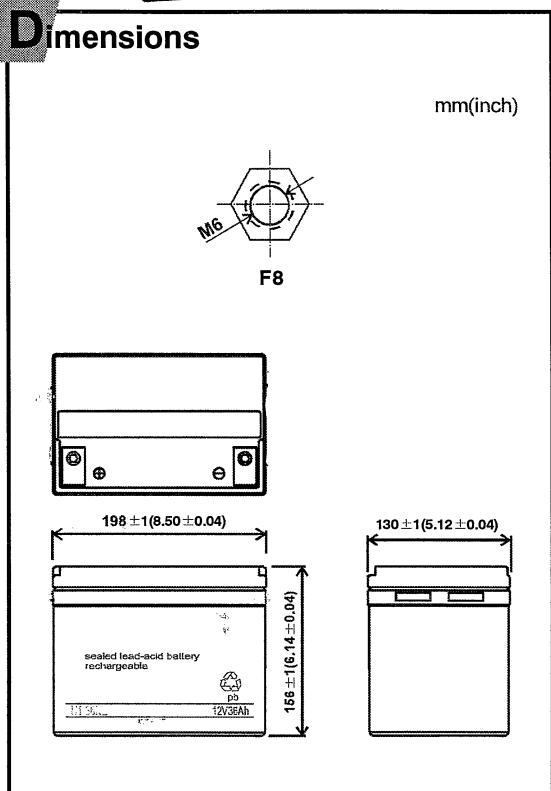


**RECHARGEABLE SEALED LEAD ACID BATTERY**

**SPECIFICATION**



**Dimensions**



**MP36-12C**

**Nominal Voltage (V)** 12V

**Nominal Capacity**

20hour rate ( 1.8A	to	10.50V )	36Ah
10hour rate ( 3.6A	to	10.50V )	36Ah
5hour rate ( 6.12A	to	10.20V )	30.6Ah
1C ( 36A	to	9.60V )	25.2Ah
3C ( 108A	to	9.60V )	18.36Ah

**Weight** 12.06kg(26.59Lbs.)

**Internal Resistance (at 1KHZ)** 4 mΩ

**Maximum Discharge Current for 30 seconds :** 720A

**Maximum Discharge Current for 5 seconds :** 1440A

**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 : 10.8A

**Standby use :**

Float Charging Voltage 13.50 to 13.80V  
No current limit required

**Life expectancy :**

**Cycle Use :**

100% depth of discharge 250 cycles  
80% depth of discharge 350 cycles  
50% depth of discharge 550 cycles

**Standby Use :** 3~5years

**Case Material** ABS

(94-HB & 94V-0 flame retardant case)

**Terminal** F8

