



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1

## WP1220

### Specifications

**Nominal Voltage (V)** 12V

**Nominal Capacity**

20hour rate ( 0.115A to 10.50V )	2.3Ah
10hour rate ( 0.23A to 10.50V )	2.185Ah
5hour rate ( 0.391A to 10.20V )	1.955Ah
1C ( 2.3A to 9.60V )	1.035Ah

**Weight** Approx.0.724kg(1.60Lbs.)

**Internal Resistance (at 1KHz)** 105 mΩ

**Operating Temperature Range**

Charge	0°C (32°F) to 40°C (104°F)
Discharge	-20°C (-4°F) to 50°C (122°F)
Storage	-20°C (-4°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 20°C (68°F)**

**Cycle use:**

Maximum Charging Current : 0.69A

Charging Voltage 14.4 to 15.0V

**Standby use :**

Float Charging Voltage 13.50 to 13.80V

**Life expectancy :**

**Standby Use :** 3~5years

**Cycle Use :**

100% depth of discharge 200cycles

80% depth of discharge 225cycles

50% depth of discharge 500cycles

**Case Material** ABS

**Terminal** F12

### Dimensions

