



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 3.5



## WP5-12

### Specifications

<b>Nominal Voltage (V)</b>	12V
<b>Nominal Capacity</b>	
20hour rate ( 0.25A to 10.50V )	5Ah
10hour rate ( 0.5A to 10.50V )	4.75Ah
5hour rate ( 0.85A to 10.20V )	4.25Ah
1C ( 5A to 9.60V )	2.25Ah
3C ( 15A to 9.60V )	1.75Ah

**Weight** Approx. 1.83kg(4.04Lbs.)

**Internal Resistance (at 1KHz)** 19 m

**Maximum Discharge Current for 30 seconds :** 100A

**Maximum Discharge Current for 5 seconds :** 200A

**Operating Temperature Range**

Charge	0 (32 ) to 40 (104 )
Discharge	-15 (5 ) to 50 (122 )
Storage	-15 (5 ) to 40 (104 )

**Charge Retention (shelf life) at 20 (68 )**

1 month	92%
3 month	90%
6 month	80%

### Charging Methods at 20 (68 )

- Cycle use:**  
Charging Voltage 14.4 to 15.0V  
Maximum Charging Current : 1.5A
- Standby use :**  
Float Charging Voltage 13.50 to 13.80V

- Life expectancy :**
- Cycle Use :**  
100% depth of discharge 200 cycles  
80% depth of discharge 225 cycles  
50% depth of discharge 500 cycles
- Standby Use :** 3~5years

**Case Material** ABS  
(Option : 94-HB & 94V-0 flame retardant case)

**Terminal** F1 or F2

### Dimensions

