



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 3.4



## WP4.5-6

### Specifications

**Nominal Voltage (V)** 6V

**Nominal Capacity**

20hour rate ( 0.225A to 5.25V )	4.5Ah
10hour rate ( 0.45A to 5.25V )	4.275Ah
5hour rate ( 0.765A to 5.25V )	3.825Ah
1C ( 4.5A to 4.80V )	2.025Ah
3C ( 13.5A to 4.80V )	1.57Ah

**Weight** Approx.0.91kg(2.00Lbs.)

**Internal Resistance (at 1KHz)** 18 m

**Maximum Discharge Current for 30 seconds :** 90A

**Maximum Discharge Current for 5 seconds :** 180A

**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 7.20 to 7.50V  
Maximum Charging Current : 1.35A

**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 :** 3~5years

**Case Material** ABS

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

**Terminal** F1 or F2

### Dimensions

