



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1



## WP1.2-6

### Specifications

Nominal Voltage (V) 6V

#### Nominal Capacity

20hour rate ( 0.06A	to	5.25V )	1.2Ah
10hour rate ( 0.12A	to	5.25V )	1.14Ah
5hour rate ( 0.2A	to	5.25V )	1.0Ah
1C ( 1.2A	to	4.80V )	0.54Ah
3C ( 3.6A	to	4.80V )	0.42Ah

Weight Approx.0.308kg(0.68Lbs.)

Internal Resistance (at 1KHz) 41 mΩ

Maximum Discharge Current for  
5 seconds : 118A

#### 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 20°C (68°F)

##### Cycle use:

Charging Voltage 7.20 to 7.50V  
Maximum Charging Current : 0.36A

##### 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

