

# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1

勝特力材料 886-3-5753170  
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[Http://www.100y.com.tw](http://www.100y.com.tw)

## WP4.5-12

### Specifications

Nominal Voltage (V) 12V

#### Nominal Capacity

20hour rate ( 0.225A to 10.50V )	4.5Ah
10hour rate ( 0.45A to 10.50V )	4.275Ah
5hour rate ( 0.765A to 10.20V )	3.825Ah
1C ( 4.5A to 9.60V )	2.025Ah
3C ( 13.5A to 9.60V )	1.575Ah

Weight Approx.1.793kg(3.94Lbs.)

Internal Resistance (at 1KHz) 35 mΩ

Maximum Discharge Current for 5 seconds : 135A

#### 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 14.4 to 15.0V  
Maximum Charging Current : 1.35A

##### 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

