



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1



## WP2.9-12T

### Specifications

**Nominal Voltage (V)** 12V

#### Nominal Capacity

20hour rate ( 0.145A to	10.50V )	2.9Ah
10hour rate ( 0.29A to	10.50V )	2.755Ah
5hour rate ( 0.493A to	10.20V )	2.465Ah
1C ( 2.9A to	9.60V )	1.305Ah
3C ( 8.7A to	9.60V )	1.015Ah

**Weight** Approx.1.243kg(2.73Lbs.)

**Internal Resistance (at 1KHz)** 30 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 : 0.87A

##### 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

