



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 3.4



## WP28-12

### Specifications

**Nominal Voltage (V)** 12V

#### Nominal Capacity

20hour rate ( 1.4A	to	10.50V )	28Ah
10hour rate ( 2.8A	to	10.50V )	26.5Ah
5hour rate ( 4.76A	to	10.20V )	23.8Ah
1C ( 28A	to	9.60V )	12.6Ah
3C ( 84A	to	9.60V )	9.8Ah

**Weight** Approx.9.79kg(21.59Lbs.)

**Internal Resistance (at 1KHz)** 7 m

**Maximum Discharge Current for 30 seconds :** 560A

**Maximum Discharge Current for 5 seconds :** 1120A

#### 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 : 8.4A

##### 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** F3

### Dimensions

