



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1

## WP20-12IE

### Specifications

**Nominal Voltage (V)** 12V

#### Nominal Capacity

20hour rate ( 1.0A	to	10.50V )	20Ah
10hour rate ( 2.0A	to	10.50V )	19Ah
5hour rate ( 3.4A	to	10.20V )	17Ah
1C ( 20A	to	9.60V )	14Ah
3C ( 60A	to	9.60V )	10.0Ah

**Weight** Approx.6.080kg(13.38Lbs.)

**Internal Resistance (at 1KHz)** 10 mΩ

**Maximum Discharge Current for 5 seconds :** 327A

#### 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 : 6A

##### Standby use :

Float Charging Voltage 13.50 to 13.80V

#### Life expectancy :

##### Cycle Use :

100% depth of discharge 225 cycles  
80% depth of discharge 250 cycles  
50% depth of discharge 750 cycles

**Standby Use :** 3~5years

**Case Material** ABS

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

**Terminal** F3

### Dimensions

