



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 2.3

## WP2.2-12

### Specifications

**Nominal Voltage (V)** 12V

#### Nominal Capacity

20hour rate ( 0.11A	to	10.50V )	2.2Ah
10hour rate ( 0.22A	to	10.50V )	2.2Ah
5hour rate ( 0.37A	to	10.20V )	1.87Ah
1C ( 2.3A	to	9.60V )	0.99Ah
3C ( 6.6A	to	9.60V )	0.79Ah

**Weight** 1.06kg(2.34Lbs.)

**Internal Resistance (at 1KHz)** 36 m

**Maximum Discharge Current for 30 seconds :** 46A

**Maximum Discharge Current for 5 seconds :** 92A

#### 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 25 (77 )

##### Cycle use:

Charging Voltage 14.4 to 15.0V  
Maximum Charging Current : 0.69A

##### 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

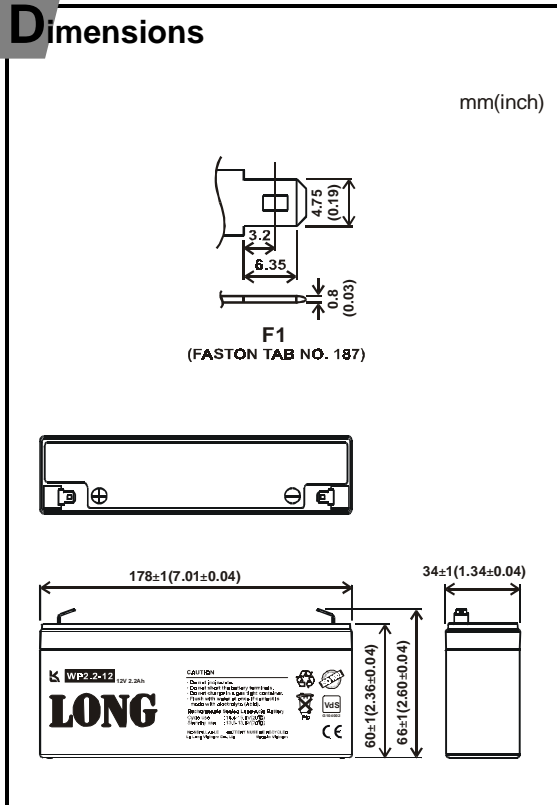
**Case Material** ABS

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

**Terminal**

F1

### Dimensions



(v)  
FOR 12V  
BATTERY  
**Discharge Time VS. Discharge Current (25 )**

