



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 3.7



## WP7.2-12

### Specifications

**Nominal Voltage (V)** 12V

#### Nominal Capacity

20hour rate ( 0.36A )	to	10.50V )	7.2Ah
10hour rate ( 0.72A )	to	10.50V )	6.84Ah
5hour rate ( 1.22A )	to	10.20V )	6.12Ah
1C ( 7.2A )	to	9.60V )	3.24Ah
3C ( 21.6A )	to	9.60V )	2.52Ah

**Weight** Approx. 2.45kg(5.39Lbs.)

**Internal Resistance (at 1KHz)** 22 m

**Maximum Discharge Current for 30 seconds :** 144A

**Maximum Discharge Current for 5 seconds :** 288A

#### 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 : 2.16A

#### 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

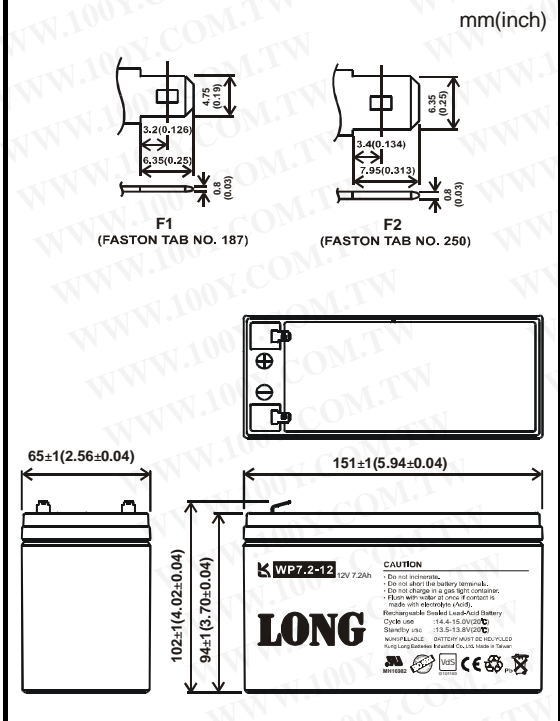
**Case Material** ABS

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

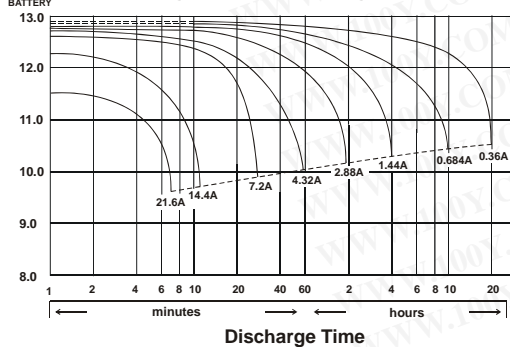
**Terminal**

F1 or F2

### Dimensions



(V) FOR 12V BATTERY Discharge Time VS. Discharge Current (20 )



勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)