



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.1

## WP4.5-6

### Specifications

**Nominal Voltage (V)** 6V

#### Nominal Capacity

20hour rate ( 0.225A to	5.25V )	4.5Ah
10hour rate ( 0.45A to	5.25V )	4.275Ah
5hour rate ( 0.765A to	5.25V )	3.825Ah
1C ( 4.5A to	4.80V )	2.025Ah
3C ( 13.5A to	4.80V )	1.575Ah

**Weight** Approx.0.908kg(2.00Lbs.)

**Internal Resistance (at 1KHz)** 18 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 7.20 to 7.50V  
Maximum Charging Current : 1.35A

##### Standby use :

Float Charging Voltage 6.75 to 6.90V

#### 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

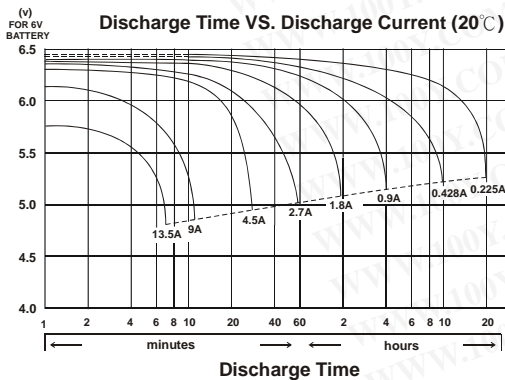
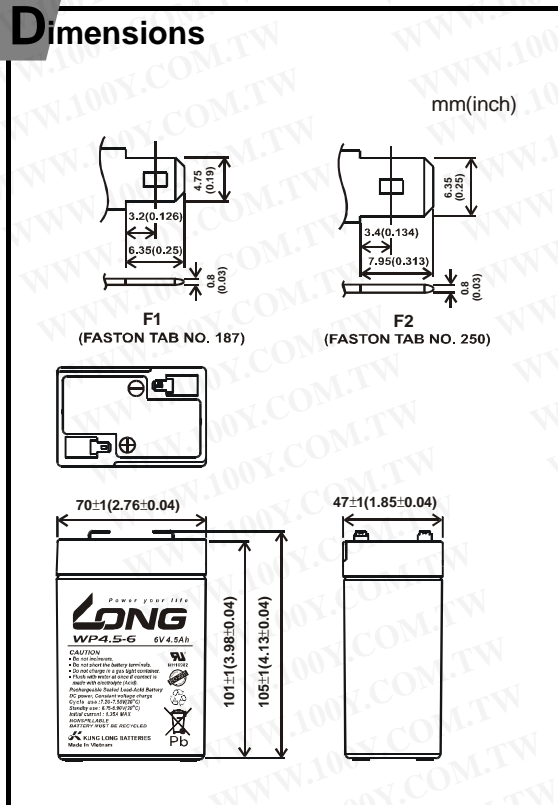
ABS

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

#### Terminal

F1 or F2

### Dimensions



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