



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 2.3



## WP3.8-6

### Specifications

**Nominal Voltage (V)** 6V

#### Nominal Capacity

|                     |    |        |         |
|---------------------|----|--------|---------|
| 20hour rate ( 0.19A | to | 5.25V) | 3.8Ah   |
| 10hour rate ( 0.38A | to | 5.25V) | 3.8Ah   |
| 5hour rate ( 0.646A | to | 5.25V) | 3.23Ah  |
| 1C ( 3.8A           | to | 4.80V) | 1.71Ah  |
| 3C ( 11.4A          | to | 4.80V) | 1.368Ah |

**Weight** 0.735kg(1.62Lbs.)

**Internal Resistance (at 1KHz)** 18 mΩ

**Maximum Discharge Current for 30 seconds :** 76A

**Maximum Discharge Current for 5 seconds :** 152A

#### 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 25°C (77°F)

##### Cycle use:

Charging Voltage 7.20 to 7.50V  
Maximum Charging Current : 1.14A

##### 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

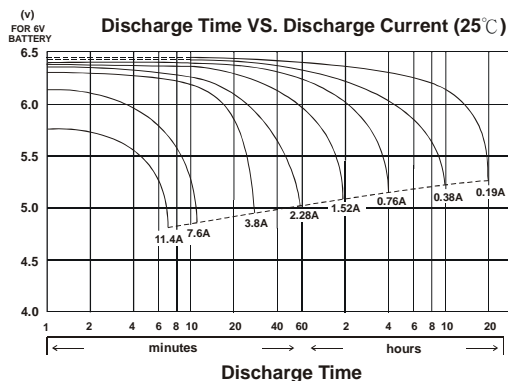
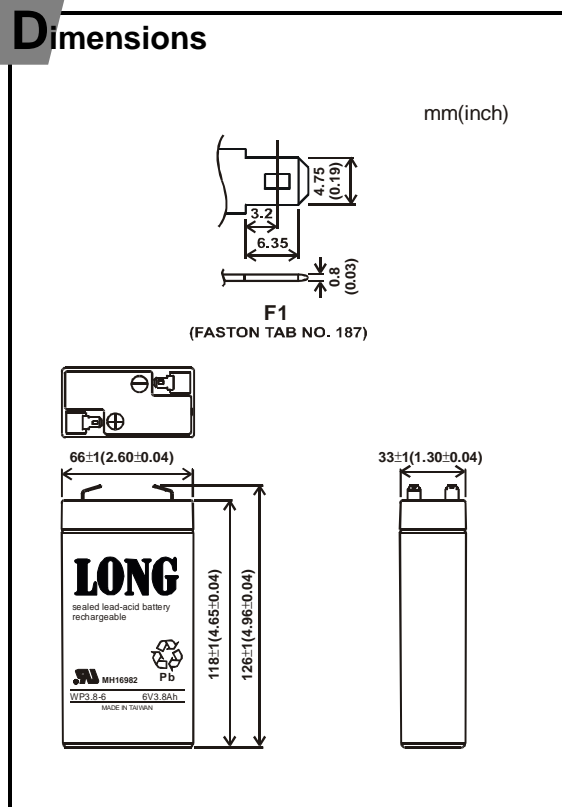
**Standby Use :** 3~5years

**Case Material** ABS

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

**Terminal** F1

### Dimensions



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