



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2



## WP9-6A

### Specifications

<b>Nominal Voltage (V)</b>	6V
<b>Nominal Capacity</b>	
20hour rate ( 0.45A to 5.25V )	9Ah
10hour rate ( 0.9A to 5.25V )	9Ah
5hour rate ( 1.53A to 5.25V )	7.65Ah
1C ( 9A to 4.80V )	4.05Ah
3C ( 27A to 4.80V )	3.24Ah

**Weight** 1.57kg(3.47Lbs.)

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

**Maximum Discharge Current for 30 seconds :** 180A

**Maximum Discharge Current for 5 seconds :** 360A

**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 : 2.7A

**Standby use :**

Float Charging Voltage 6.75 to 6.90V  
No current limit required

**Life expectancy :**

**Cycle Use :**

100% depth of discharge 250 cycles  
80% depth of discharge 350 cycles  
50% depth of discharge 550 cycles

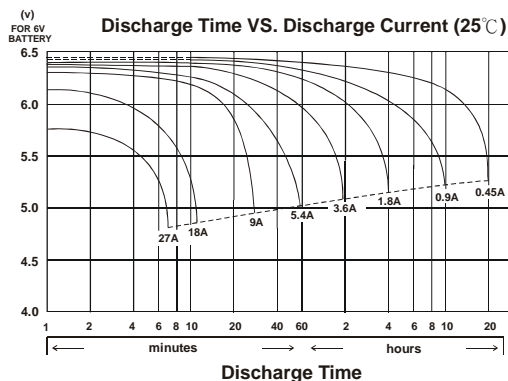
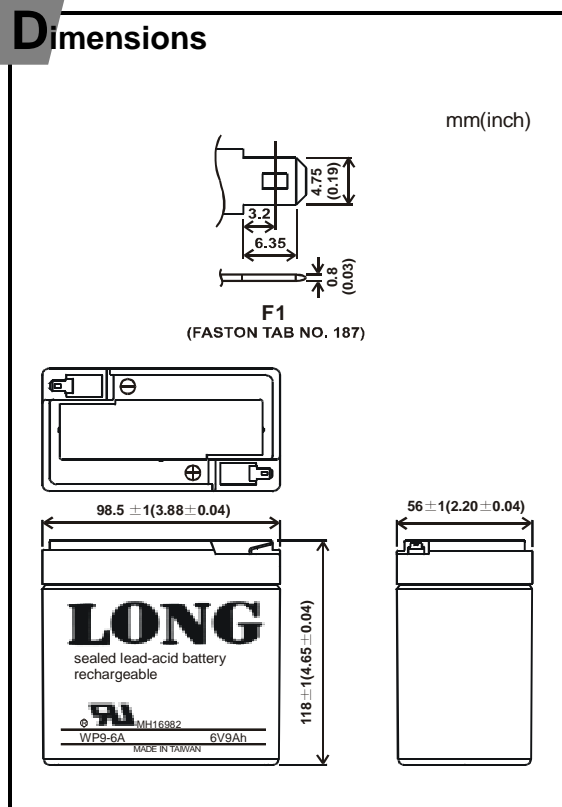
**Standby Use :** 3~5years

**Case Material** ABS

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

**Terminal** F1

### Dimensions



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