



# RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2

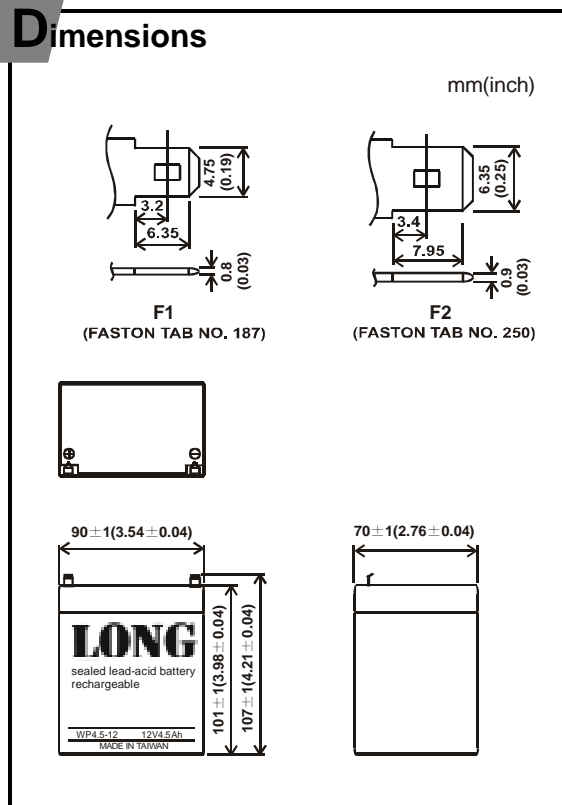


## WP4.5-12

### Specifications

<b>Nominal Voltage (V)</b>	12V	
<b>Nominal Capacity</b>		
20hour rate ( 0.225A to 10.50V )	4.5Ah	
10hour rate ( 0.45A to 10.50V )	4.5Ah	
5hour rate ( 0.765A to 10.20V )	3.825Ah	
1C ( 4.5A to 9.60V )	2.025Ah	
3C ( 13.5A to 9.60V )	1.62Ah	

### Dimensions



**Weight** 1.828kg(4.02Lbs.)

**Internal Resistance (at 1KHz)** 30 mΩ

**Maximum Discharge Current for 30 seconds :** 90A

**Maximum Discharge Current for 5 seconds :** 180A

#### 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 14.4 to 15.0V  
 Maximum Charging Current : 1.35A

##### Standby use :

Float Charging Voltage 13.50 to 13.80V  
 No current limit required

#### Life expectancy :

##### Cycle Use :

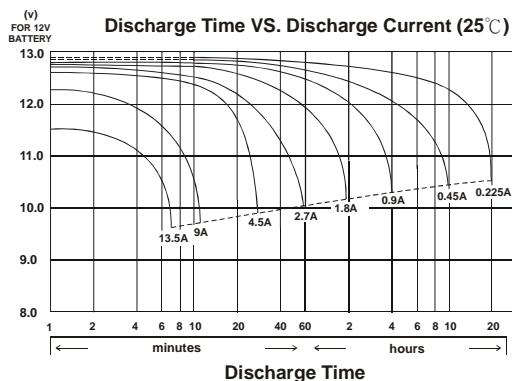
100% depth of discharge 250 cycles  
 80% depth of discharge 350 cycles  
 50% depth of discharge 550 cycles

**Standby Use :** 3~5years

**Case Material** ABS

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

**Terminal** F1 or F2



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