



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 1.2



WP12-12

Specifications

Nominal Voltage (V)	12V
Nominal Capacity	
20hour rate (0.6A to 10.50V)	12Ah
10hour rate (1.2A to 10.50V)	12Ah
5hour rate (2.04A to 10.20V)	10.2Ah
1C (12A to 9.60V)	5.4Ah
3C (36A to 9.60V)	4.32Ah

Weight 4.27kg(9.39Lbs.)

Internal Resistance (at 1KHz) 13 mΩ

Maximum Discharge Current for 30 seconds : 240A

Maximum Discharge Current for 5 seconds : 480A

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 : 3.6A

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

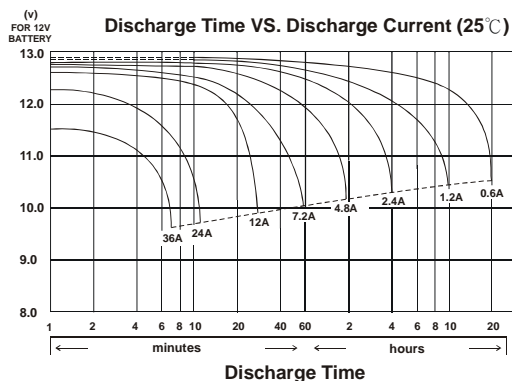
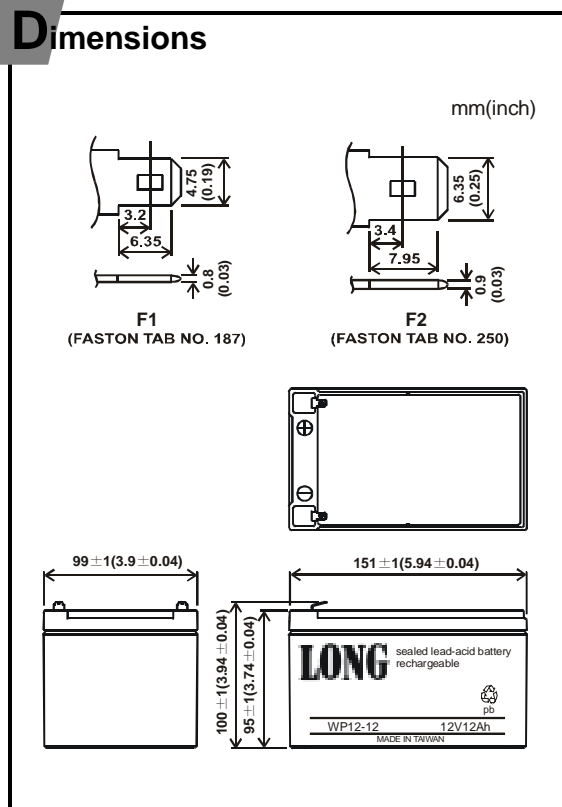
Standby Use : 3~5years

Case Material ABS

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

Terminal F1 or F2

Dimensions



廣隆光電科技股份有限公司 Kung Long Batteries Industrial Co., Ltd.

南投市自立三路6號 NO. 6 TZU-LI 3 ROAD NANTOU CITY TAIWAN R.O.C. TEL: +886-49-2254777 ~8 FAX: +886-49-2253607