



RECHARGEABLE SEALED LEAD ACID BATTERY

Revision 2.3



WP12-12E

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)	8.4Ah
3C (36A	to	9.60V)	6.12Ah

Weight 4.54kg(9.99Lbs.)

Internal Resistance (at 1KHz) 9 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

Life expectancy :

Cycle Use :

100% depth of discharge 225 cycles
80% depth of discharge 250 cycles
50% depth of discharge 750 cycles

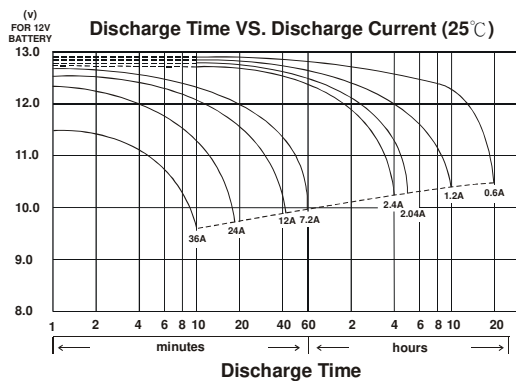
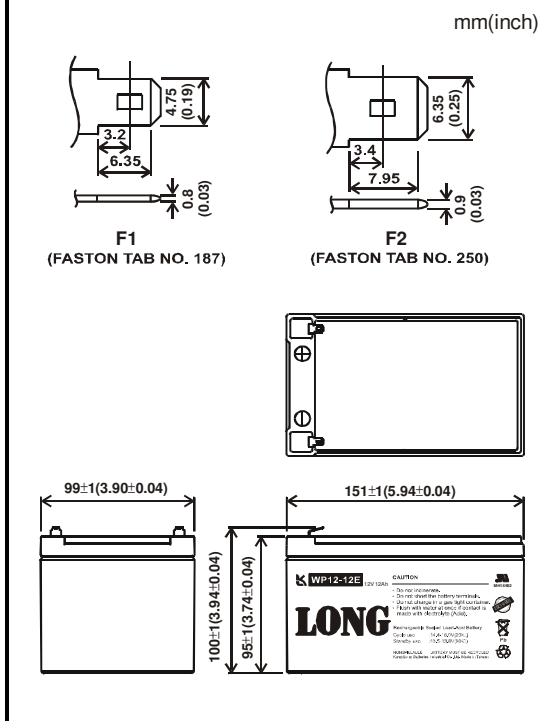
Standby Use : 3~5years

Case Material ABS

(Option : 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