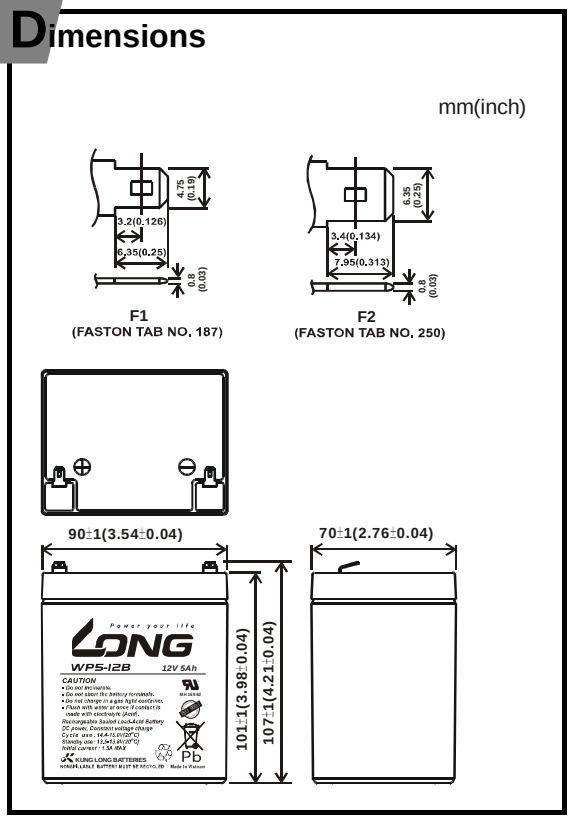
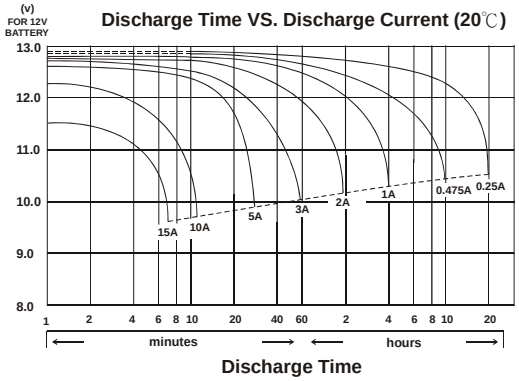
KUNG LONG	RECHARGEABLE SEALED LEAD ACID BATTERY	Revision 1.1

WP5-12B

Dimensions

mm(inch)





Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate	(0.25A	to	10.50V)	5Ah
10hour rate	(0.5A	to	10.50V)	4.75Ah
5hour rate	(0.85A	to	10.20V)	4.25Ah
1C	(5A	to	9.60V)	2.25Ah
3C	(15A	to	9.60V)	1.75Ah

Weight Approx. 1.69kg(3.72Lbs.)

Internal Resistance (at 1KHz) 34 mΩ

Maximum Discharge Current for 5 seconds : 135A

Operating Temperature Range

Charge	0℃(32℉)	to	40℃ (104℉)
Discharge	-15℃(5℉)	to	50℃ (122℉)
Storage	-15℃(5℉)	to	40℃ (104℉)

Charge Retention (shelf life) at 20℃ (68℉)

1 month	92%
3 month	90%
6 month	80%

Charging Methods at 20℃ (68℉)

Cycle use:

Charging Voltage 14.4 to 15.0V
Maximum Charging Current：1.5A

Standby use :

Float Charging Voltage 13.50 to 13.80V

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 or F2

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 TEL: +886-49-2254777 ~8 FAX: +886-49-2255139

Contents in this data sheet are subject to change for improvement without prior notice to users. For clarifications and updated information, please contact us.