廣隆光電 KUNG LONG	RECHARGEABLE SEALED LEAD ACID BATTERY	Revision 1.2

WP22-12

Specifications

Nominal Voltage (V) 12V

Nominal Capacity

20hour rate	(1.1A	to	10.50V)	22Ah
10hour rate	(2.2A	to	10.50V)	22Ah
5hour rate	(3.74A	to	10.20V)	18.7Ah
1C	(22A	to	9.60V)	9.9Ah
3C	(66A	to	9.60V)	7.92Ah

Weight 6.306kg(13.87Lbs.)

Internal Resistance (at 1KHz) 10 mΩ

Maximum Discharge Current for 30 seconds : 440A

Maximum Discharge Current for 5 seconds : 880A

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 25℃(77℉)

Cycle use:

Charging Voltage 14.4 to 15.0V
Maximum Charging Current：6.6A

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

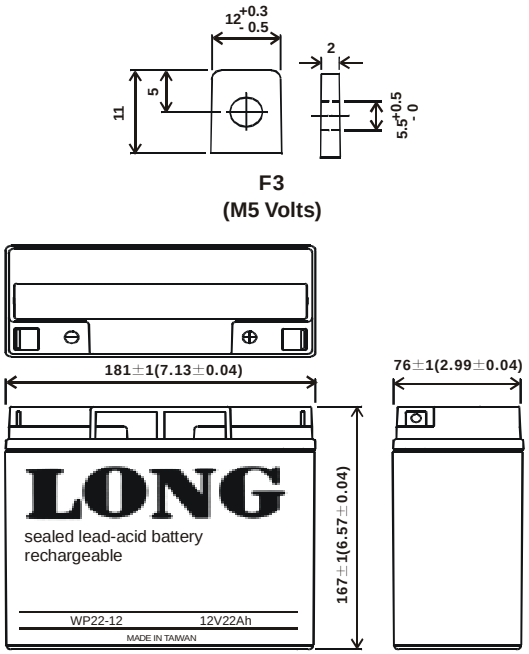
Standby Use： 3~5years

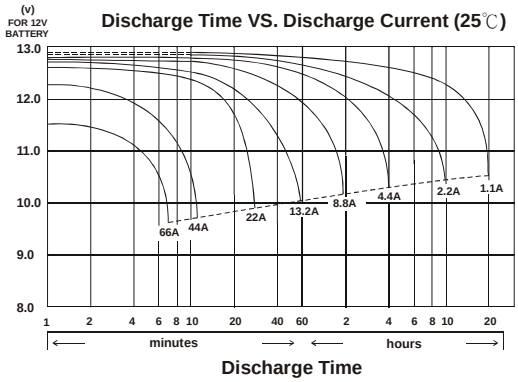
Case Material ABS
(94-HB & 94V-0 flame retardant case)

Terminal F3

Dimensions

mm(inch)





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