

## LP POWER COMPANY LIMITED

## PRODUCTION SPECIFICATION

1 YEAR  
WARRANTY

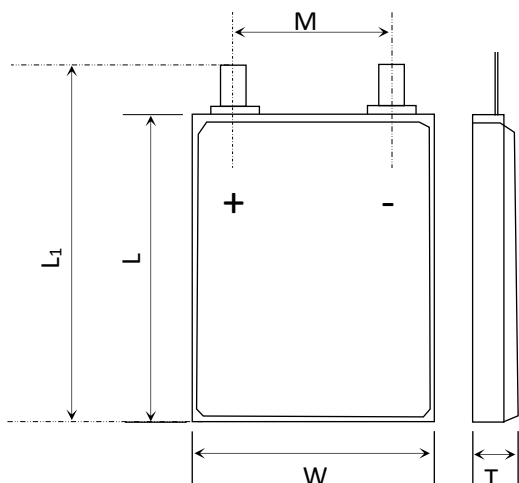
## ● Lipo Battery Features

- Long Cycle Life: up to 500-1000 life cycles
- Production Lead Time up to 3 Days
- Extended Warranty Guarantee
- Regulated voltage from 3V-24v
- Custom Input and Output Voltage and Current
- Temperature Monitoring
- CB, IEC62133, CE, UL1642, UN38.3 Certification
- SM Bus/I2C/UART Protocol Available

## ● LIPO BATTERY SPECIFICATION

Part Number	LP 633960
Nominal Voltage	3.7V
Nominal Capacity	1800 mAh
Internal Impedance	<60mΩ
Charge Voltage	4.2V
Recommended Charge Current	0.2C
Allowed Max Charge Current	0.5C
Output Voltage Range	4.2 - 2.5V
Recommended Discharge Current	0.2C
Max Continuous Discharge Current	1C
Pulse Discharge Current	3C(10mS)
Discharge Cut-off Voltage	2.5±0.05V
Cycle Life to 80% Health	500(0.2C, 25°C)

## ● OUTER DIMENDIONS (mm)



Item	Parameter (mm)
T	6
W	39
M	10
L	60
L1	62
BL	62 ± 1
CL	100

## ● ENVIRONMENTAL SPECIFICATION

Charging Temp. Range	0 - 45° C
Discharging Temp. Range	-20 - 60° C
Storage Period 1 Week	-20 - 45° C
Storage Period 1 Month	-10 - 45° C
Storage Period 6 Months	0 - 35° C

## ● BATTERY PROTECTION

Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

## ● MECHANICAL SPECIFICATION

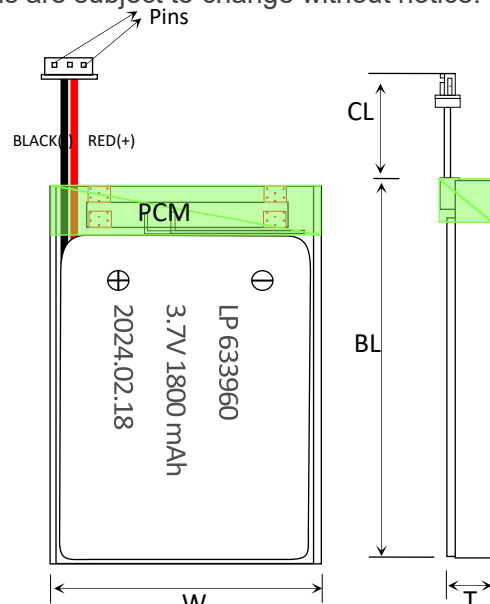
Dimensions	62 x 39 x 6 mm(L1*W*T)
Weight	30 g
Battery Terminals	WC/FL*

\*WC=With Connector FL=Flying Leads

## ● CERTIFICATION

Certificate Approval	UN38.3/ UL/ CE/ customize
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\*Specifications are subject to change without notice.



CONTACT

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LEARN MORE ON:  
[www.fpbattery.com](http://www.fpbattery.com)  
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