LP POWER COMPANY LIMITED

PRODUCTION SPECIFICATION

FP Battery is a custom Rechargeable 3.7v lipolymer lithium ion battery manufacturer based in China,We have In stock small and compact 3.7V lithium battery pack, capacity from 500mah, 800mah, 1000mah, 15000mah, 380mah and etc., with PVC or Plastic casing, they are widely used for Consumer Electronics, Other, Toys.

We use the latest lithium battery technologies to make the 3.7v rechargeable Lipo battery just ensure that you can get the highest quality and less or even no customer returns, we work with you to do the label, shrink wrap, custom terminates or encloses in plastic.

1 YEAR WARRANTY

LIPO BATTERY SPECIFICATION

Part Number	LP 654080
Nominal Voltage	3.7V
Nominal Capacity	2500 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℃)

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	82 x 40 x 6 mm(L1*W*T)
Weight	41 g
Battery Terminals	WC/FL*

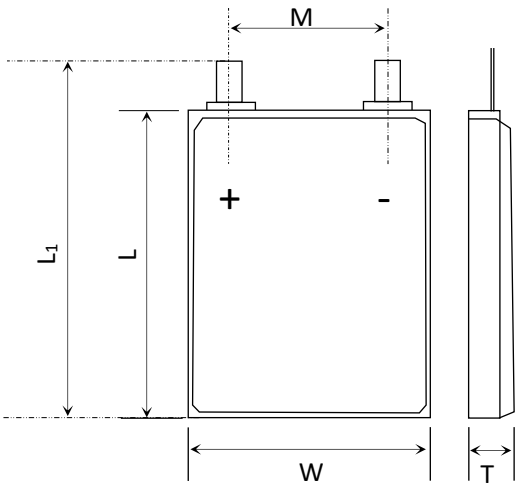
*WC=With Connector FL=Flying Leads

CERTIFICATION

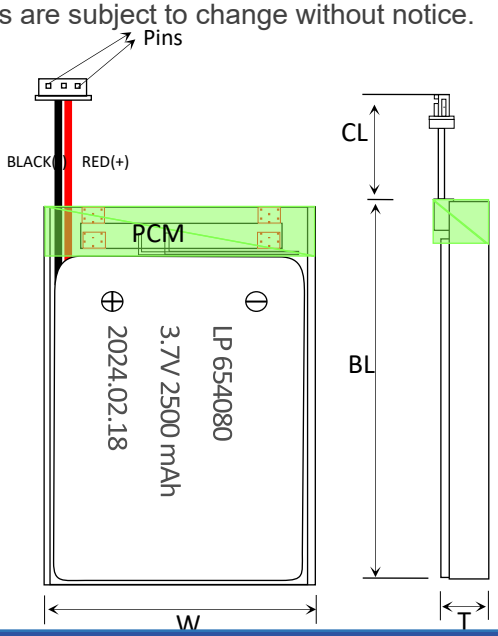
Certificate Approval	UN38.3/ UL/ CE/ customize

*Specifications are subject to change without notice.

OUTER DIMENDIONS (mm)



Item	Parameter (mm)
T	6
W	40
M	10
L	80
L1	82
BL	82 ± 1
CL	100



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LEARN MORE ON:
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