BATTERY SPECIFICATION

Part Number	LP 864040
Nominal Voltage	3.7 V
Nominal Capacity	1170 mAh
Internal Impedence	<60mΩ
Charge Voltage	4.2V
Recommended Charge Current	0.2 C
Allowed Max Charge Current	0.5 C
Output Voltage Range	4.2 - 2.5 V
Recommended Discharge Current	0.2 C
Max Continuous Discharge Current	1 C
Pulse Discharge Current	3 C (10 mS)
Discharge Cut-off Voltage	2.5± 0.05V
Cycle Life to 80% Health	500 (0.2C, 25°C)

ENVIRONMENTAL SPECIFICATIONS

Charging Temperature Range	0 - 45°C
Discharging Temperature 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 SPECIFICATIONS

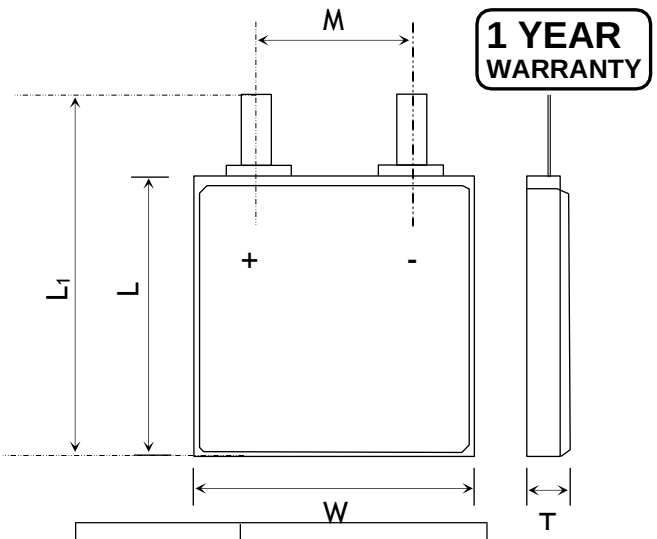
Dimensions	42x 40 x 8 mm(L1*W*T)
Weight	19 g
Battery Terminals	WC/ FL *

CERTIFICATION

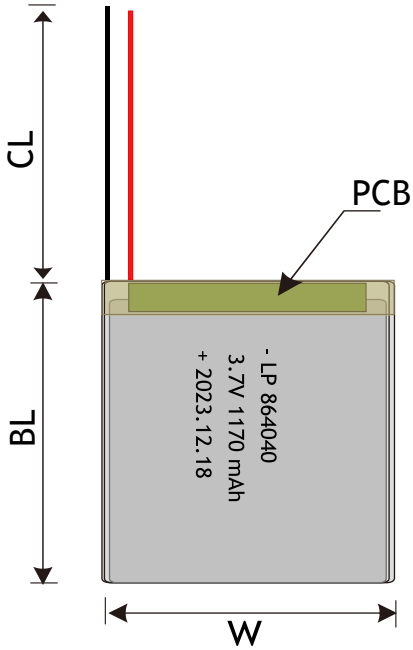
Certification Approval	PLEASE CONSULT SALES

* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC
BWP=Black Wrapped PVC BC= Bare Cell GGG

1 YEAR WARRANTY



Item	Parameter (mm)
T	8
W	40
M	10
L	40
L_1	42
BL	42 ± 1
CL	100



Specifications are subject to change without notice.

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of operation:
9:00am - 6:00pm CST, Monday to Friday

LEARN MORE ON:
www.fpbattery.com

LP POWER COMPANY LIMITED

BULK PRODUCTION ACTUAL PICTURES

BARE CELL (BC)

FLYING LEADS (FL)

WITH CONNECTOR (WC)

BLUE WRAPPED PVC (UWP)

BLACK WRAPPED PVC (BWP)

3.7V LIPO BATTERY OPTIONS

Special Ingredients to make batteries work from -40 -85 ° C

Discharging Current up to 100C

Popular JST,Molex,Hirose,Anderson available

LED Power Indicator

Power Button

Upgrade to LifePo4 tech and life circle up to 1500