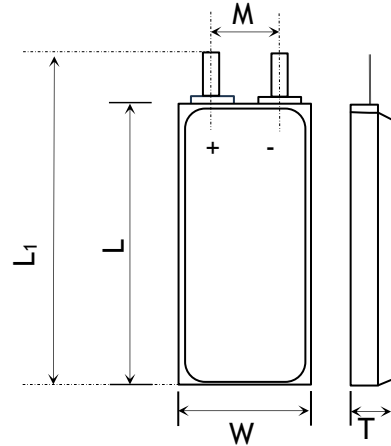


## BATTERY SPECIFICATION

Part Number	DNK 501020
Nominal Voltage	3.7 V
Nominal Capacity	80 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)

**1 YEAR  
WARRANTY**



Item	Parameter (mm)
T	5.0
W	10
M	10
L	20
L <sub>1</sub>	22
BL	22 ± 1
CL	100

## 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

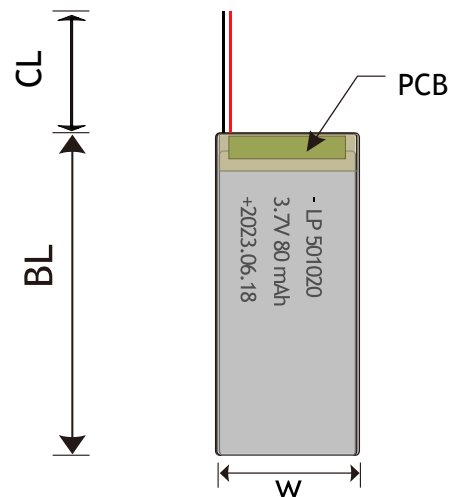
## MECHANICAL SPECIFICATIONS

Dimensions	22x 10 x 5.0 mm(L1*W*T)
Weight	≤2 g
Battery Terminals	WC/ FL *

## CERTIFICATION

Certification Approval PLEASE CONSULT SALES

\* WC=With Connector FL=Flying Leads



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:

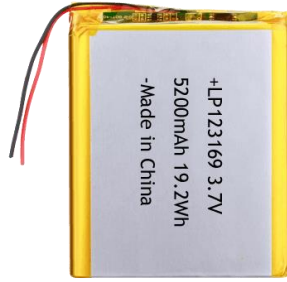
[www.fpbattery.com](http://www.fpbattery.com)

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