3.7V Lithium Polymer Battery Data Sheet

Model: 3052110

Please Find More:

https://www.fpbattery.com/3-7v-1700mah-lithium-polymer-battery/

File Number: A/FP52110-19941

File Version: 01

CONTACT

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

LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 3052110
Nominal Voltage	3.7 V
Nominal Capacity	1700 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

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

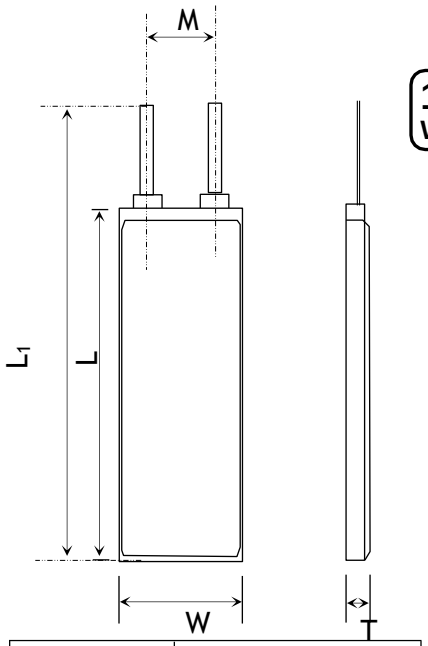
MECHANICAL SPECIFICATIONS

Dimensions	112x 52 x 3 mm(L*W*T)
Weight	Around 28 g
Battery Terminals	WC/ FL *

CERTIFICATION

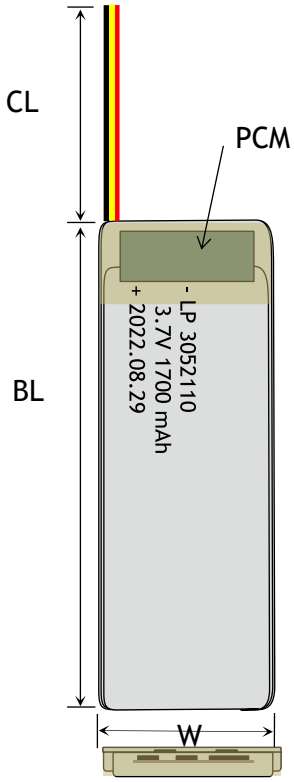
Certification Approval	PLEASE CONSULT SALES

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



1 YEAR WARRANTY

Item	Parameter (mm)
T	3
W	52
M	10
L	110
L_1	112
BL	112 ± 1
CL	100



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

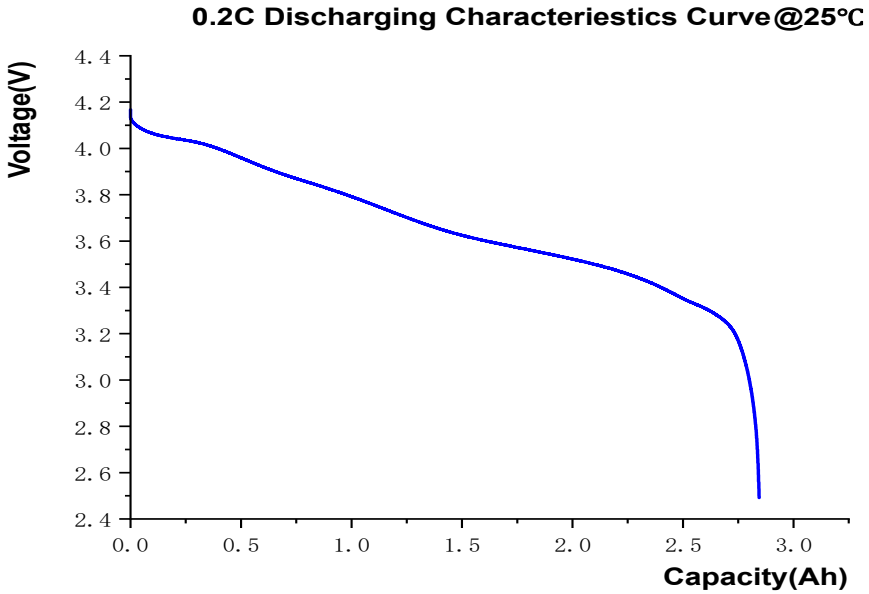
Popular JST,Molex,Hirose,Anderson available

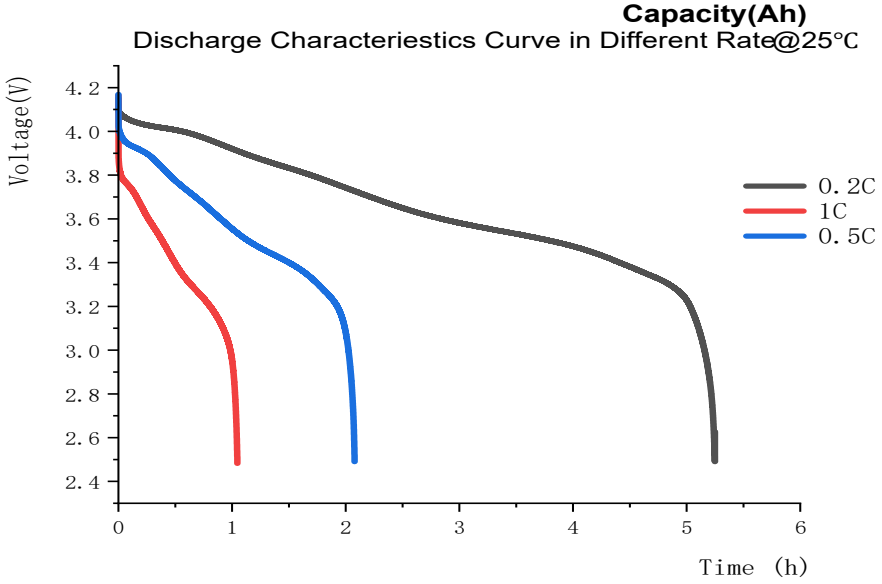
LED Power Indicator

Power Button

Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- ALWAYS read and follow the manufacturer's instructions for charging, use, maintenance, and storage.
- Do not disassemble and damage the battery.
- Ensure that charging leads are connected correctly. Reverse charging can lead to cell damage, fire or explosion.
- Avoid prolonged use of the battery until depleted.
- If the battery becomes hot, smokes, or becomes abnormal, stop using it immediately.
- Avoid short-circuiting the battery. Though short-circuiting for short time will not damage the battery, doing so for a long time will damage the battery and may overheat the battery causing burns, fire or explosion.
- Do not apply excessive mechanical stress to the battery.
- Avoid bumping or dropping the battery to prevent damage or internal short circuit.
- Do not charge a Lipo battery mat has 'ballooned' or 'puffed up', or shows any signs of leakage or physical damage.
- Avoid placing the battery near sources of ignition.
- Always charge batteries at a rate of 1c (one (times the capacity unless specified by the manufacturer.