3.7V Lithium Polymer Battery Data Sheet

Model: 403470

Please Find More:

https://www.fpbattery.com/3-7v-900mah-lithium-polymer-battery/

File Number: A/FP3470-19523

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 403470
Nominal Voltage	3.7 V
Nominal Capacity	950 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

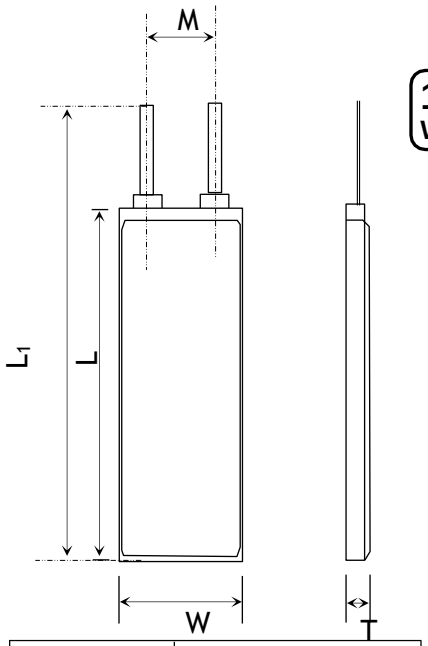
MECHANICAL SPECIFICATIONS

Dimensions	72x 34 x 4 mm(L*W*T)
Weight	Around 15 g
Battery Terminals	WC/ FL *

CERTIFICATION

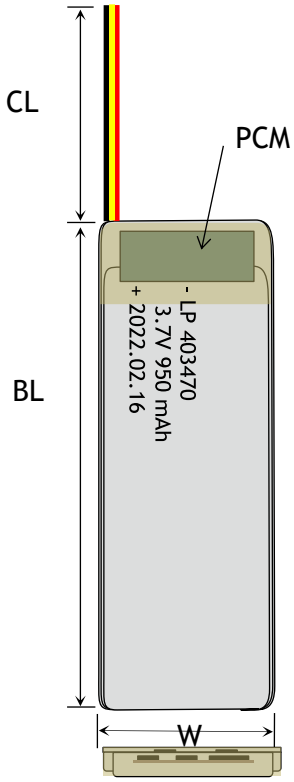
Certification Approval	PLEASE CONSULT SALES

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



1 YEAR WARRANTY

Item	Parameter (mm)
T	4
W	34
M	10
L	70
L_1	72
BL	72 ± 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

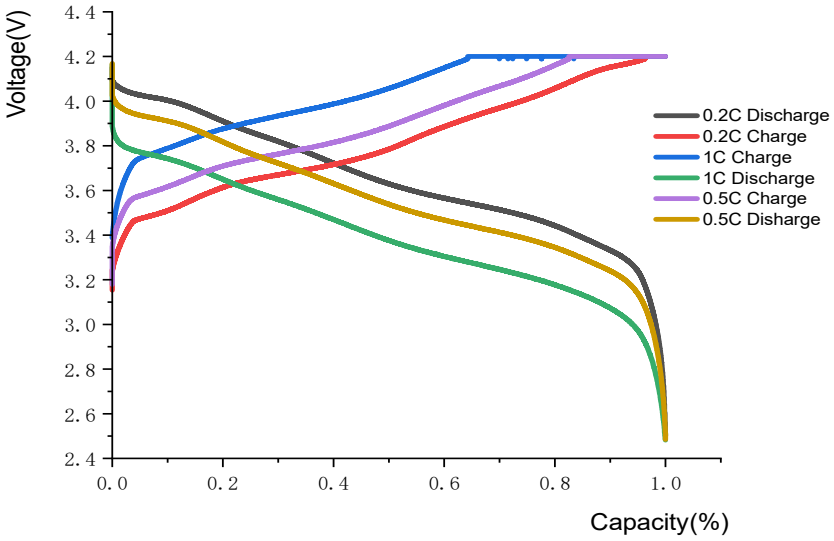
LED Power Indicator

Power Button

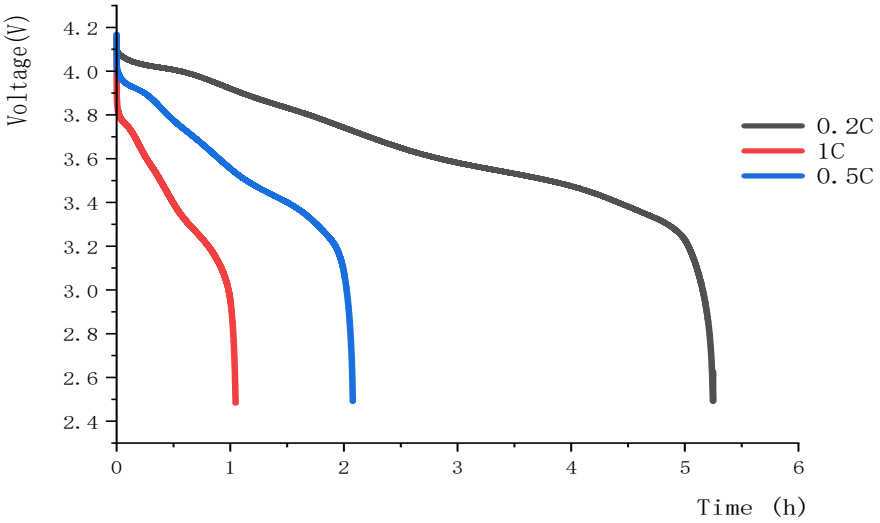
Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES

Charge & Discharge Characteriestics in different Rate@25℃



Discharge Characteriestics Curve in Different Rate@25℃



ANNOUNCEMENT

- If leaking material is present, do not touch it.
- Use recommended methods to make battery terminal connections.
- Do not place metallic substances in direct contact with the positive and negative terminals of the battery.
- Avoid bumping or dropping the battery to prevent damage or internal short circuit.
- Do not discharge a LiPo battery at a rate exceeding the maximum continuous discharge current specified for it. Otherwise, the battery will overheat and result in battery deterioration, bursting, ballooning, or possibly cause a fire or explosion.
- ALWAYS evacuate the room or space and notify others to evacuate.
- Do not soak the battery with water.
- Do not charge dissimilar or un-matched packs in series or parallel with any difference in cell type, cell capacity, manufacturer, age, pack capacity or charge state (+/0.03V per cell). If in any doubt, always charge them separately.
- Use the included charge lead (if applicable) for charging purposes only! DO NOT use the harness as a power adapter. Use of the charging harness as a power adapter may result in overheating of the battery connection resulting in melting of the plastic battery case.
- Avoid exposing the battery to high humidity for long periods of time.
- 3.6V~3.9V range. Always store your LiPo pack in a safe and non flammable container away from flammable objects.