3.7V Lithium Polymer Battery Data Sheet

Model: 353074

Please Find More:

https://www.fpbattery.com/3-7v-750mah-lithium-polymer-battery/

File Number: A/FP3074-22216

File Version: 01

CONTACT

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

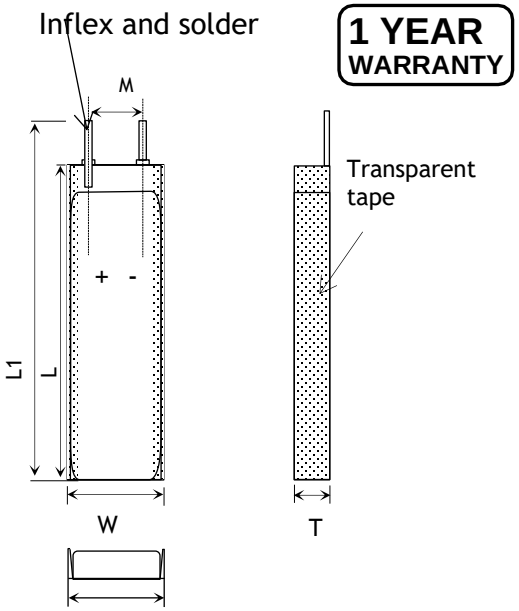
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 353074
Nominal Voltage	3.7 V
Nominal Capacity	775 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)

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Item	Parameter (mm)
T	3
W	30
M	10
L	74
L_1	76
BL	76 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

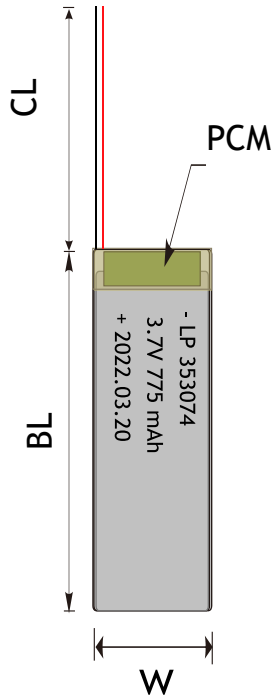
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

Over Charge	4.275 ± 50mV
Over Discharge	2.5V ± 50mV
Over Current	3A to 5A
Short Circuit	Yes

MECHANICAL SPECIFICATIONS

Dimensions	76x 30 x 3 mm(L*W*T)
Weight	12 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

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



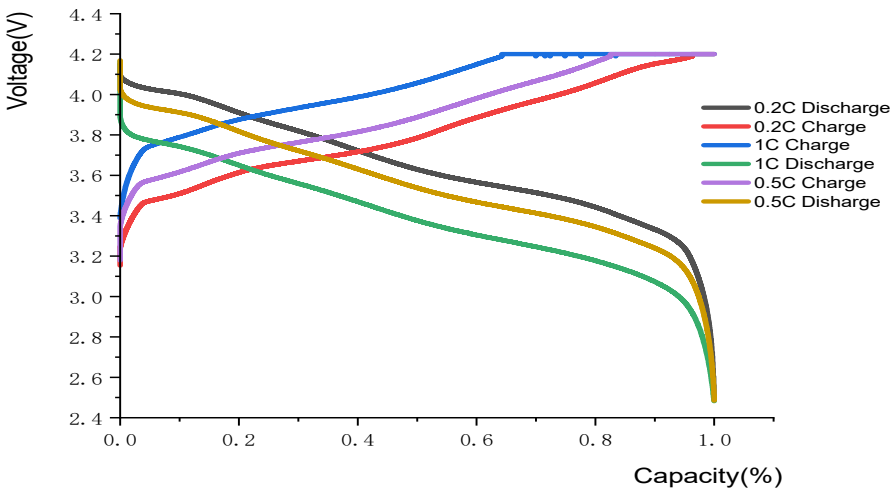
Power Button



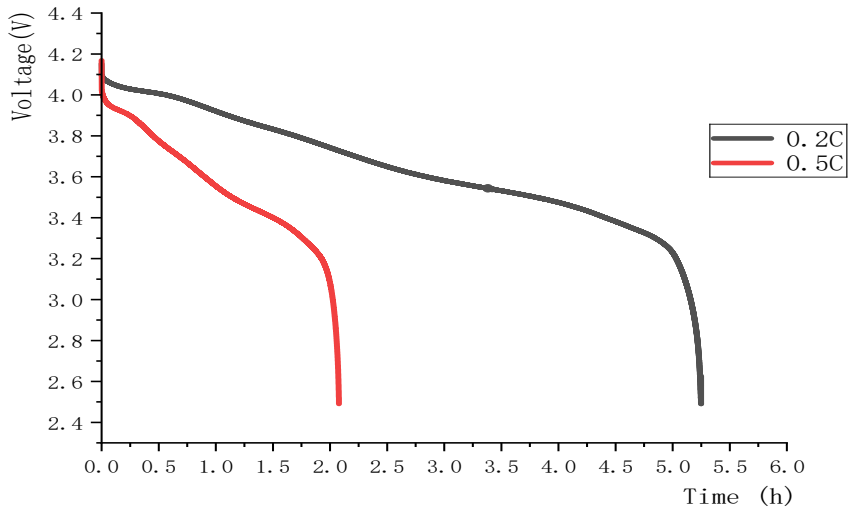
Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES

Charge & Discharge Characteriestics in different Rate@25℃



Discharge Characteriestics Curve in Different Rate@25℃



ANNOUNCEMENT

- Do not reverse the polarity.
- Never put batteries in your pocket or non fireproof bags this may cause the battery to short circuit.
- Ensure that all cells in a battery maintain the same voltage across all cells at all times.
- Do not charge the battery without supervision.
- Store it in a fire-proof container in a cool dry place.
- Be sure to read all documentation supplied with your battery.
- Never drop this type of battery, it will be deformed and we advise you never to try to charge a deformed battery as this may cause swelling, leakage and even fire.
- NEVER charge batteries at temperatures below 32°F (0°C) or above 105°F (40°C).
- ALWAYS store batteries away from any materials that can catch fire.
- Avoid prolonged use of the device with a low battery.
- Do not expose LiPo batteries to direct sunlight or leave in a hot environment (inside an automobile in hot weather) for extended periods of time.