3.7V Lithium Polymer Battery Data Sheet

Model: 403564

Please Find More:

https://www.fpbattery.com/3-7v-800mah-lithium-polymer-battery/

File Number: A/FP3564-17122

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/

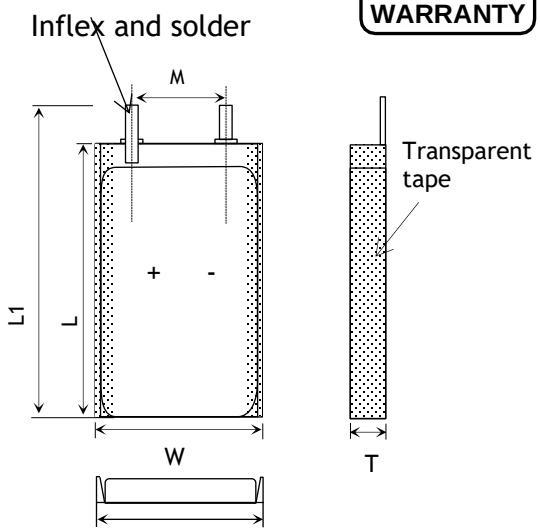
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 403564
Nominal Voltage	3.7 V
Nominal Capacity	895 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

1 YEAR WARRANTY



Item	Parameter (mm)
T	4
W	35
M	10
L	64
L_1	66
BL	66 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

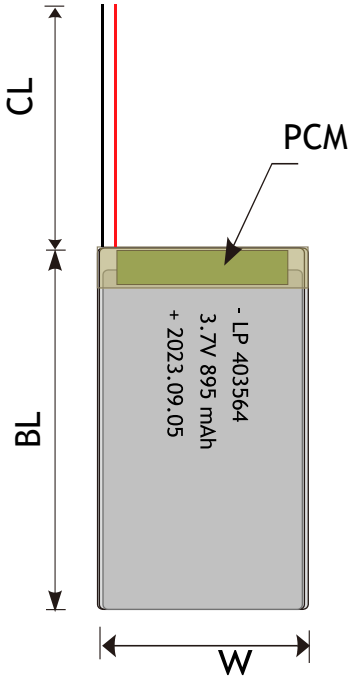
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	66x 35 x 4 mm(L*W*T)
Weight	14 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

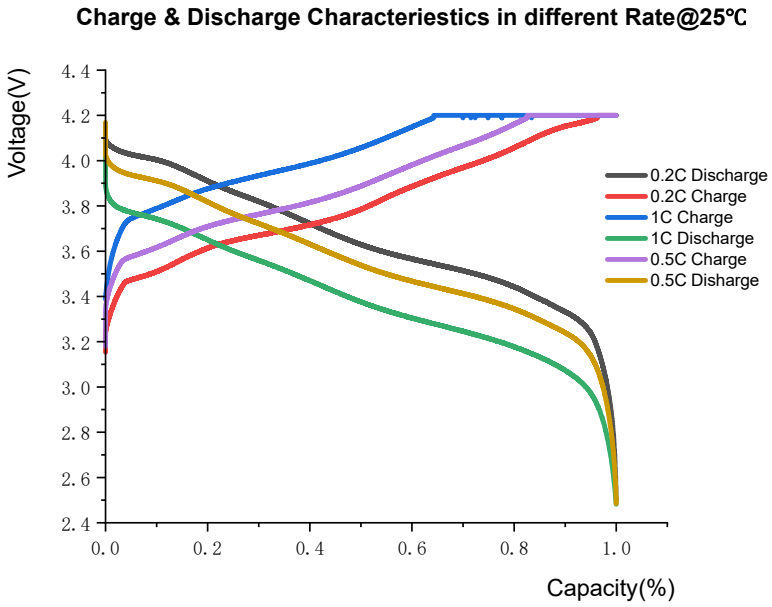


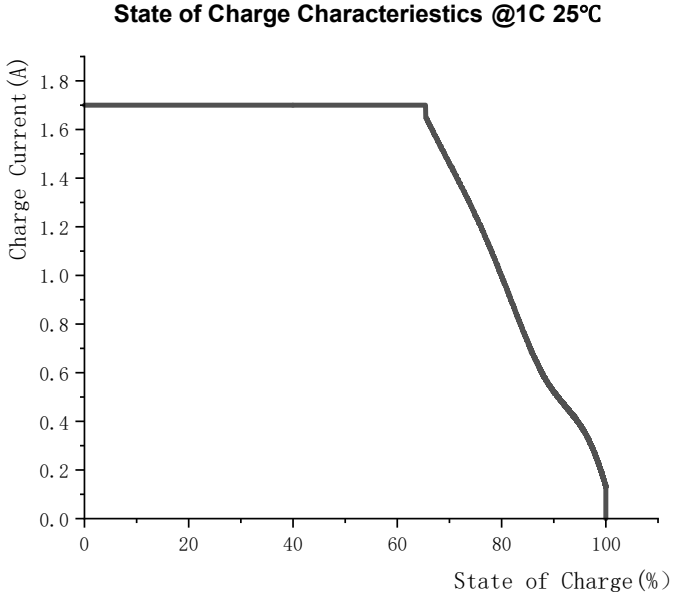
Power Button



Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES





ANNOUNCEMENT

- Never charge a LiPo battery while it is inside your model or other electronic device. If it catches fire, it can lead to total destruction of the item inside which it is being charged.
- If charging indoors, only charge with a smoke detector above where you are charging.
- Never charge a LiPo battery on a wooden or other combustible (carpeted) surface. Always charge LiPo batteries on surfaces made of cement, steel, ceramic or stone.
- Do not attempt to disassemble or repair the battery.
- Do not charge a Lipo battery mat has 'ballooned' or 'puffed up', or shows any signs of leakage or physical damage.
- Remove Li-Ion powered devices and batteries from the charger once they are fully charged.
- Do not puncture the cells as this could cause a fire.
- If your skin or eyes come into contact with liquid from the battery, rinse thoroughly and notify a medical service for expert advice.
- If you plan not to use your LiPo cells for an extended period (more then 4 days) then use the "Storage" setting on your charger. If your charger does not have this feature then don't use it and invest in one that does.
- Read and understand the battery's instruction manual carefully before use.
- Always store LiPo pack in a safe and nonGcombustible container away from flammable/combustible materials.