3.7V Lithium Polymer Battery Data Sheet

Model: 405046

Please Find More:

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

File Number: A/FP5046-826

File Version: 01

CONTACT

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

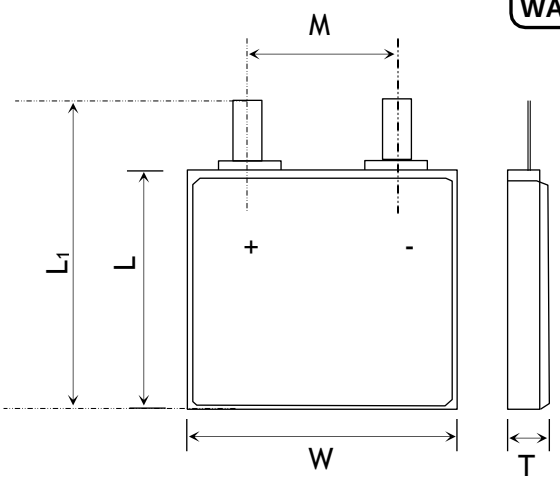
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 405046
Nominal Voltage	3.7 V
Nominal Capacity	920 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	4
W	50
M	10
L	46
L_1	48
BL	48 ± 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

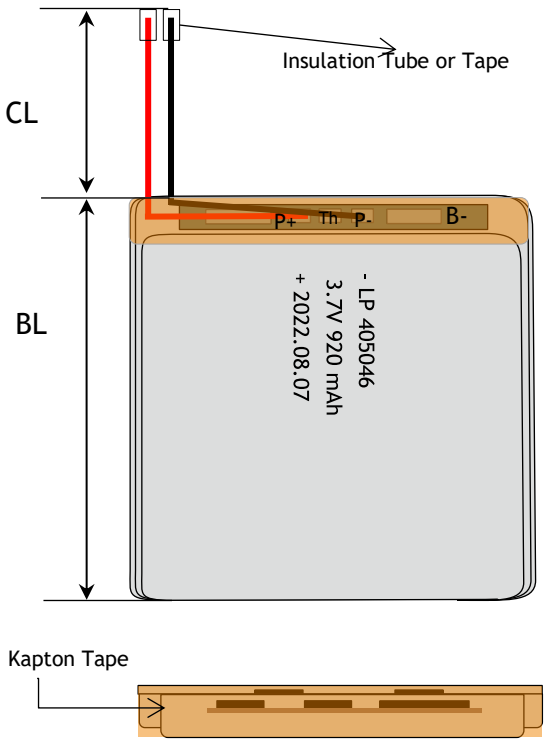
MECHANICAL SPECIFICATIONS

Dimensions	48x 50 x 4 mm(L*W*T)
Weight	Around 15 g
Battery Terminals	WC/ FL *

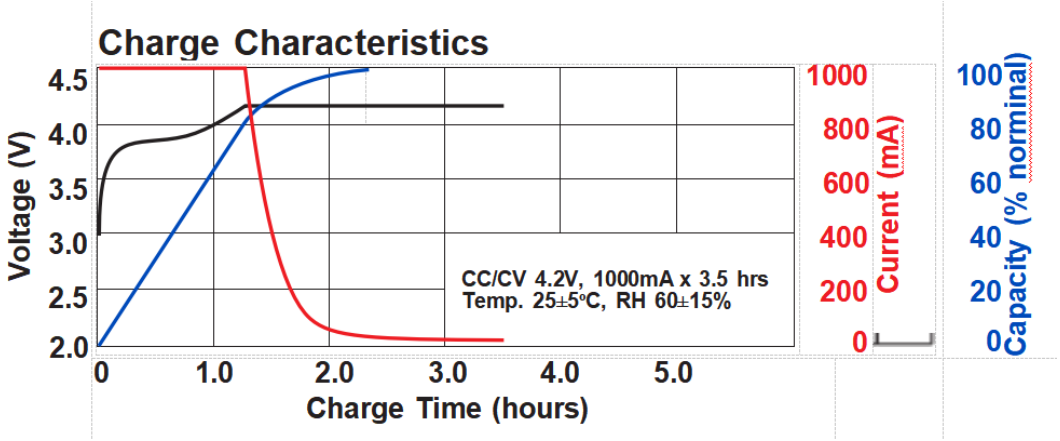
CERTIFICATION

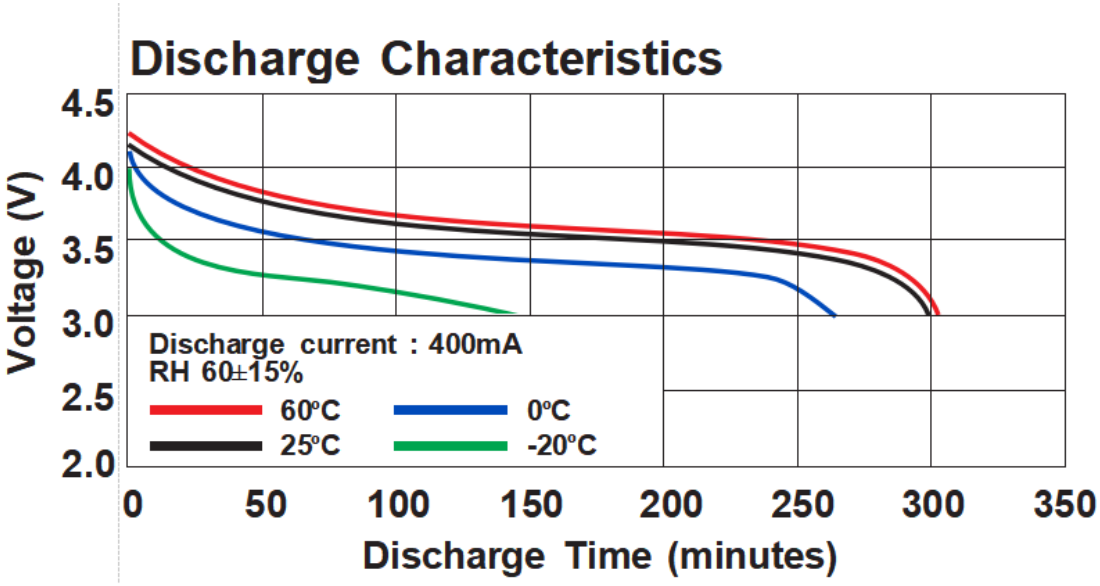
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- Pay attention to the positive and negative connections of the battery to ensure proper connection.
- Never disassemble, modify, puncture, mechanically shock, or short circuit the battery. Leakage, smoke emission, ignition, explosion, or fire, which may result in personal injury and property damage, can occur.
- Monitor storage by means of suitable fire alarm
- Ensure that you choose a regular and reputable supplier before purchasing.
- Charge at correct rate and proper voltage for either use or storage.
- Do not store batteries with metal.
- Do not use batteries with physical damage, such as dented, cracked or leaking batteries.
- Do not place the battery in a microwave or other heating device.
- Heat kills Lipos, the hotter a battery gets, the shorter the lifespan will be.
- Store in fire protected, separate areas.
- Do not allow the battery to come into common contact with metal to prevent a short circuit.