3.7V Lithium Polymer Battery Data Sheet

Model: 304864

Please Find More:

https://www.fpbattery.com/3-7v-5500mah-lithium-polymer-battery/

File Number: A/FP4864-9184

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 304864
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)

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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

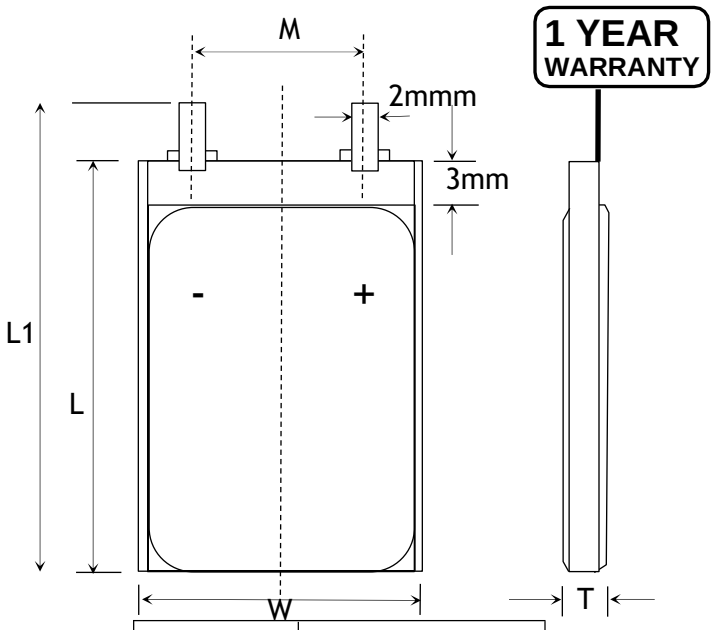
MECHANICAL SPECIFICATIONS

Dimensions	66x 48 x 3 mm(L*W*T)
Weight	Around 15 g
Battery Terminals	WC/ FL *

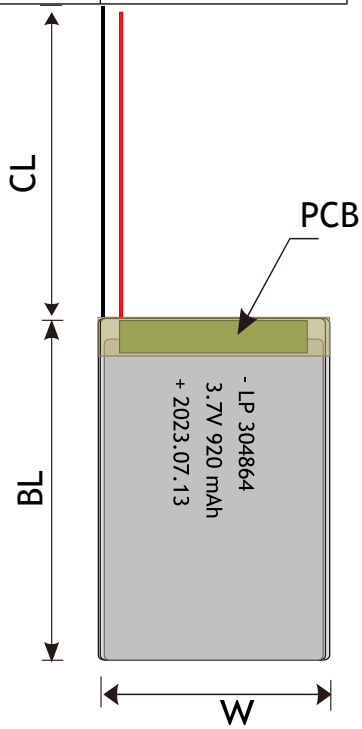
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

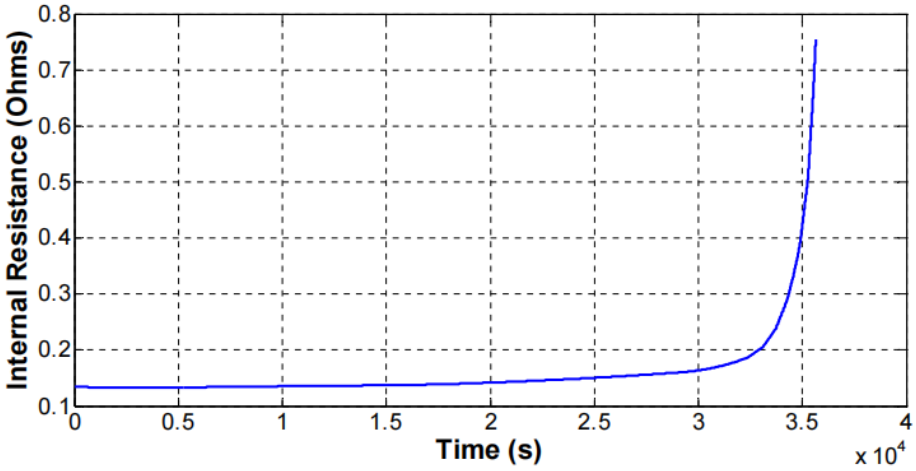
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

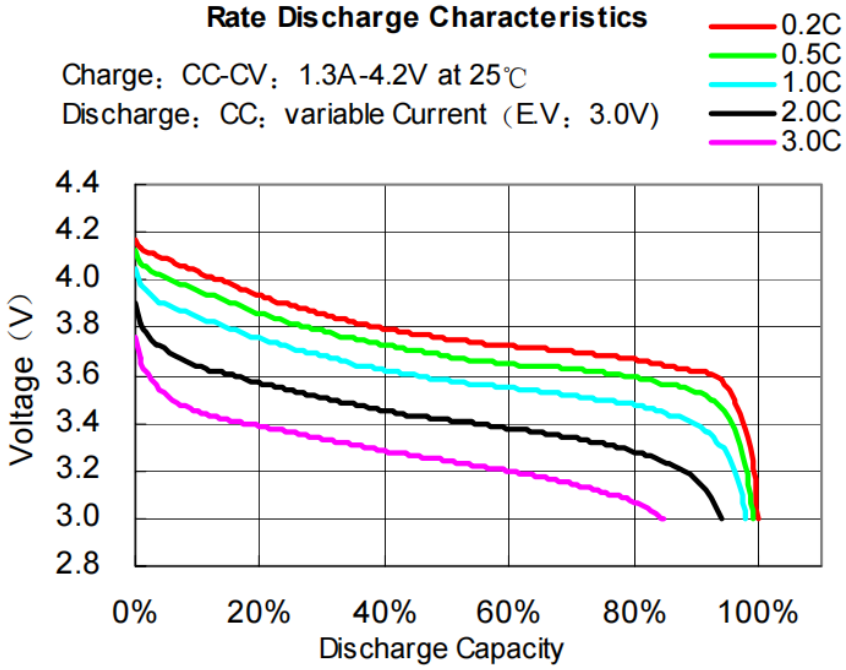


Item	Parameter (mm)
T	3
W	48
M	10
L	64
L_1	66
BL	66 ± 1
CL	100



RELATIVE CURVES





ANNOUNCEMENT

- Always check the voltage of Batteries before each charge session in order to ensure they are at or above the minimum safe starting voltage. If starting voltage is below recommended levels than Batteries have been over discharged or have experienced a failure and should NOT be charged
- If taking lithium batteries on an aircraft, follow FAA and IATA rules.
- Never charge Batteries that are too hot to the touch (above 100° F). DO NOT handle Batteries until they are cool.
- Avoid prolonged use of the device with a low battery.
- When using the adapter, make sure that the voltage and current requirements are met.
- Storing LiPo batteries at temperatures higher than 170°F (76°C) for more than 2 hours may result in battery damage or possibly fire.
- Store and transport in a non-flammable container
- Discharge the battery to 50% before storing it for an extended period of time.
- Do not leave Lipo batteries unattended while charging.
- Ensure that you purchase the right type and size of battery that matches the requirements of your equipment.
- Always verify voltage of Batteries before use, this is especially important for packs that have been out of service for greater than six (months.