3.7V Lithium Polymer Battery Data Sheet

Model: 304366

Please Find More:

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

File Number: A/FP4366-12814

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/

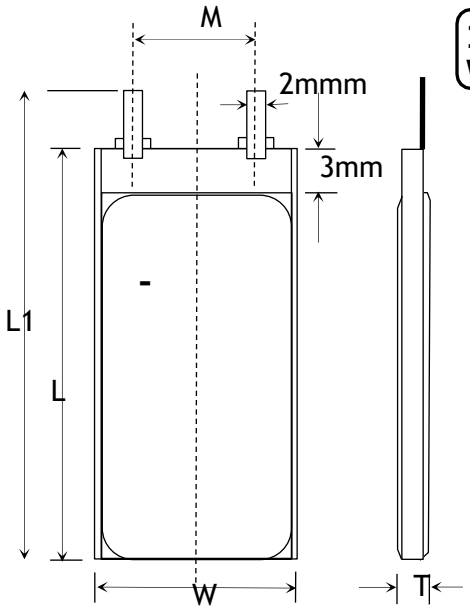
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 304366
Nominal Voltage	3.7 V
Nominal Capacity	850 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



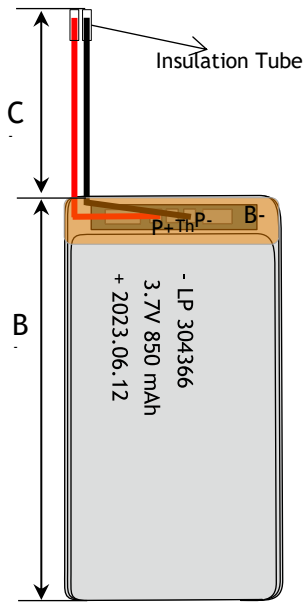
Item	Parameter (mm)
T	3
W	43
M	10
L	66
L_1	68
BL	68 ± 1
CL	100

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

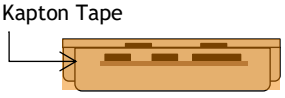
BATTERY PROTECTION

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



MECHANICAL SPECIFICATIONS

Dimensions	68x 43 x 3 mm(L*W*T)
Weight	Around 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



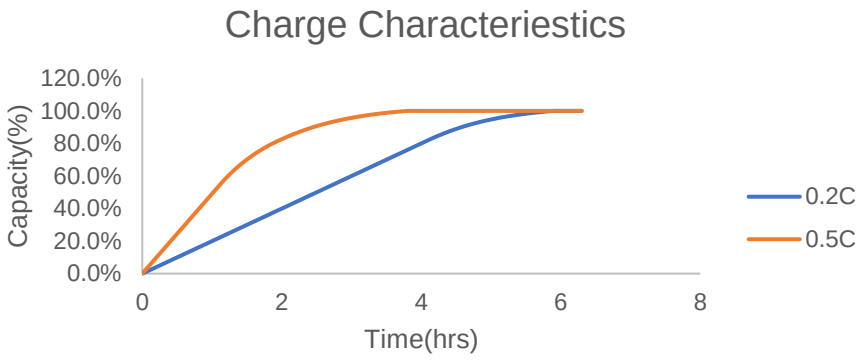


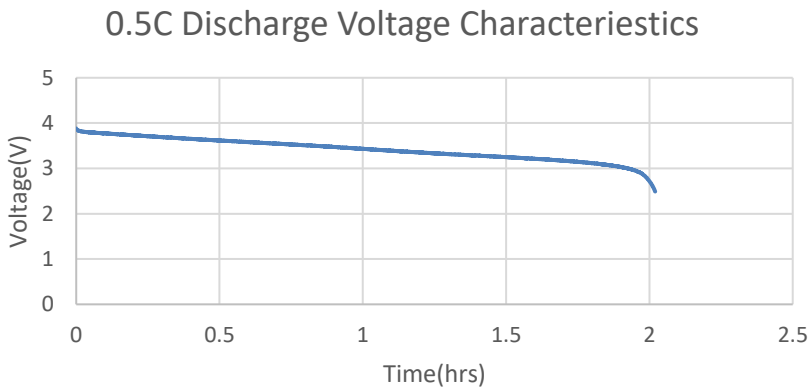
LED Power Indicator



Power Button

RELATIVE CURVES





ANNOUNCEMENT

- Do not attempt to disassemble or repair the battery.
- Store and transport in a non-flammable container
- Never charge Batteries that are too hot to the touch (above 100° F). DO NOT handle Batteries until they are cool.
- Store in fire protected, separate areas.
- During discharging and handling the batteries, do not exceed 160°F (71°C). Otherwise, the battery may be damaged and a fire may result.
- NEVER charge batteries at temperatures below 32℉ (0℃) or above 105℉ (40℃).
- Do not 'peak charge' or 'top off' Lipo batteries always remove Lipo batteries from a charger once they are charged.
- Do not disassemble and damage the battery.
- Do not short-circuit the battery.
- ALWAYS use the correct battery and charger size and type that is specified for the device.
- Avoid excessively hot and humid conditions, especially when batteries are fully charged. Do not place batteries in direct sunlight, on hot surfaces or in hot locations.