3.7V Lithium Polymer Battery Data Sheet

Model: 304867

Please Find More:

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

File Number: A/FP4867-10357

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 304867
Nominal Voltage	3.7 V
Nominal Capacity	965 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

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

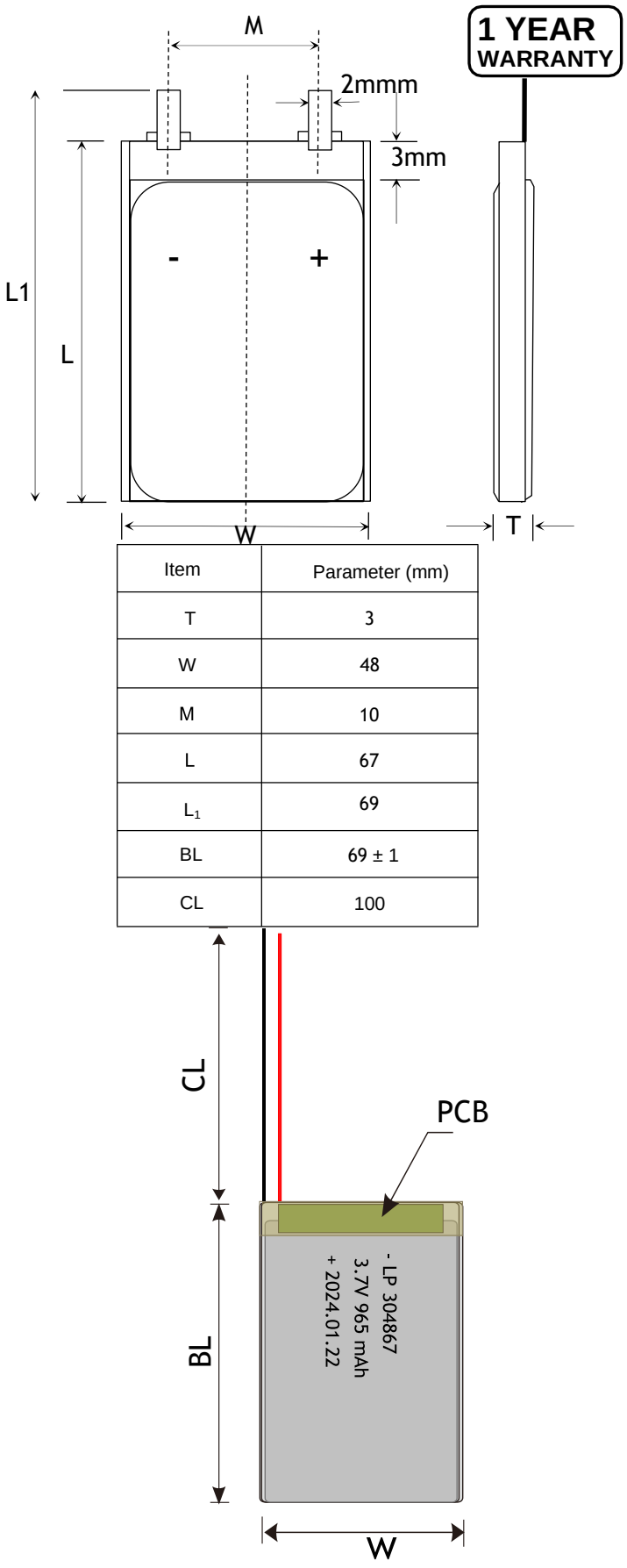
MECHANICAL SPECIFICATIONS

Dimensions	69x 48 x 3 mm(L*W*T)
Weight	Around 16 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	67
L_1	69
BL	69 ± 1
CL	100

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





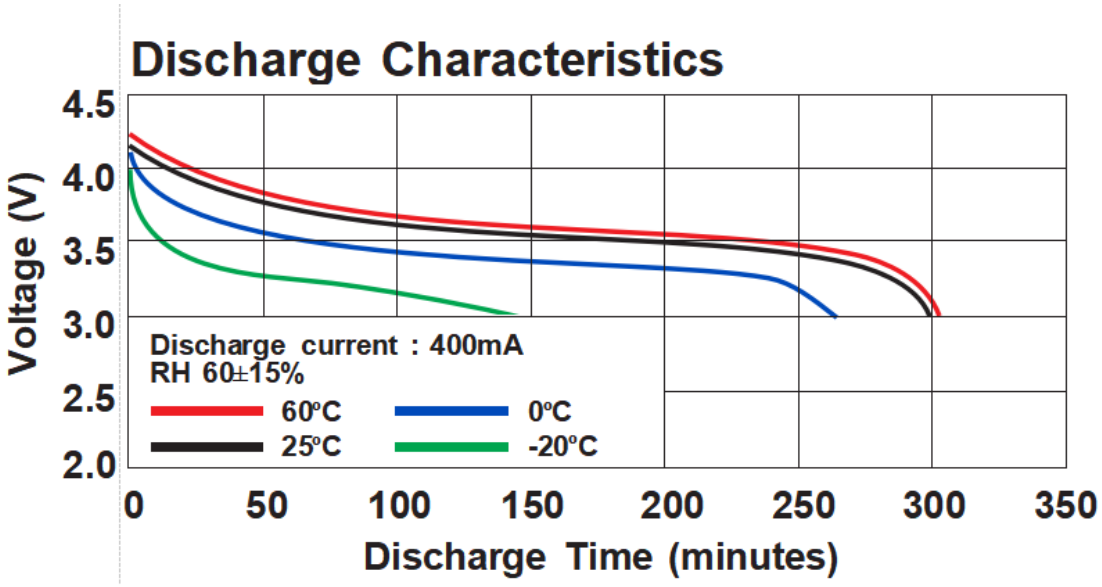
LED Power Indicator



Power Button

Upgrade to LifePo4 tech and life circle up to 1500

RELATIVE CURVES



ANNOUNCEMENT

- Do not put batteries in contact with conductive materials, water, seawater, strong oxidizers
- Do not allow children to touch the battery, especially untrained children.
- Never keep sharp objects near Lipos. This may cause a hole in the pack and can lead to a fire.
- Do not apply sticky substances to the positive and negative terminals of the battery.
- Over-charging LiPo batteries will damage them and possibly cause a fire. (above 4.20V per cell is considered overcharged).
- NEVER charge a Li-ion or LiPo battery overnight and unattended.
- Maintain safe distances (up to 5m from flammable materials)
- Always inspect batteries for any signs of damage before use, check for physical damage such as cracks/bulges/indentations . Any battery that has been damaged, dented or pierced should be taken out of service immediately, segregated from other batteries and stored as set out below while awaiting safe disposal. Similarly, damaged goods containing batteries should also be segregated from other material and stored safely to await safe disposal.
- Never charge the battery inside a Vehicle.
- Never keep sharp objects near Lipos. This may cause a hole in the pack and can lead to a fire.
- NEVER charge batteries at temperatures below 32℉ (0℃) or above 105℉ (40℃).