3.7V Lithium Polymer Battery Data Sheet

Model: 305367

Please Find More:

https://www.fpbattery.com/3-7v-1000mah-lithium-polymer-battery/

File Number: A/FP5367-7715

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

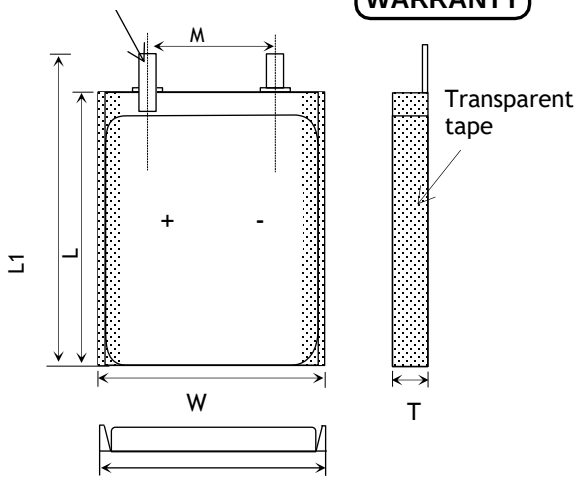
BATTERY SPECIFICATION

Part Number	DNK 305367
Nominal Voltage	3.7 V
Nominal Capacity	1065 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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1 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	53
M	10
L	67
L_1	69
BL	69 ± 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

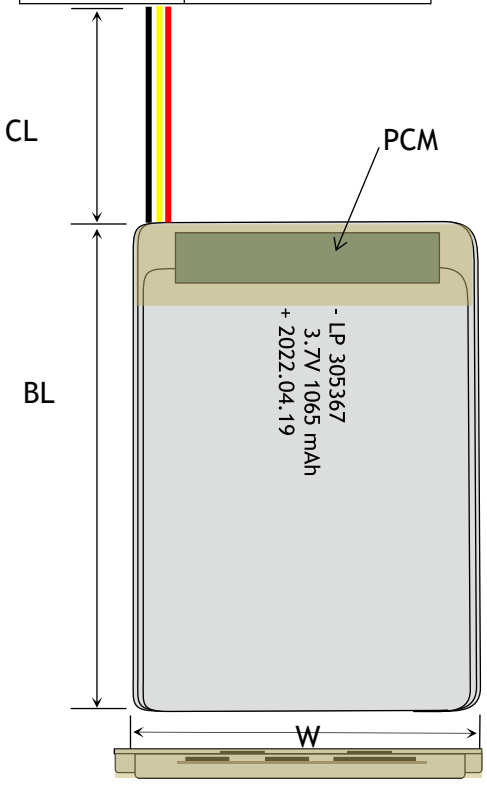
MECHANICAL SPECIFICATIONS

Dimensions	69x 53 x 3 mm(L*W*T)
Weight	17 g
Battery Terminals	WC/ FL *

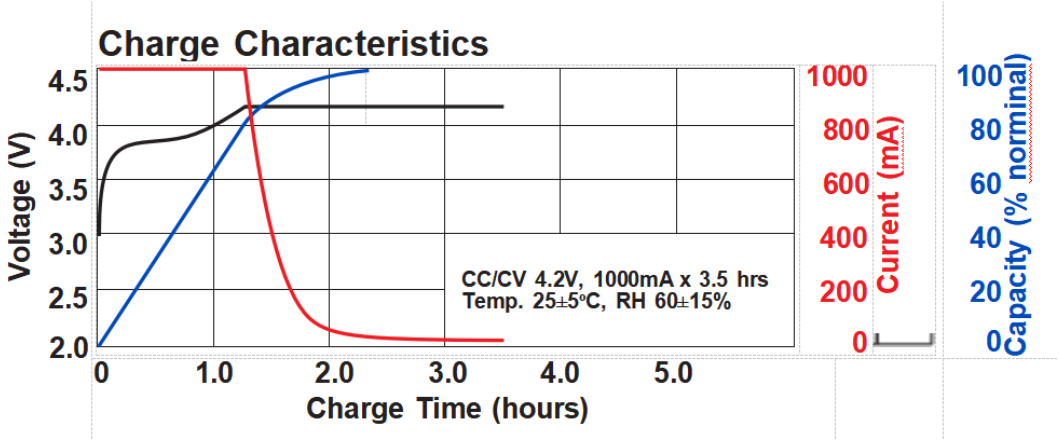
CERTIFICATION

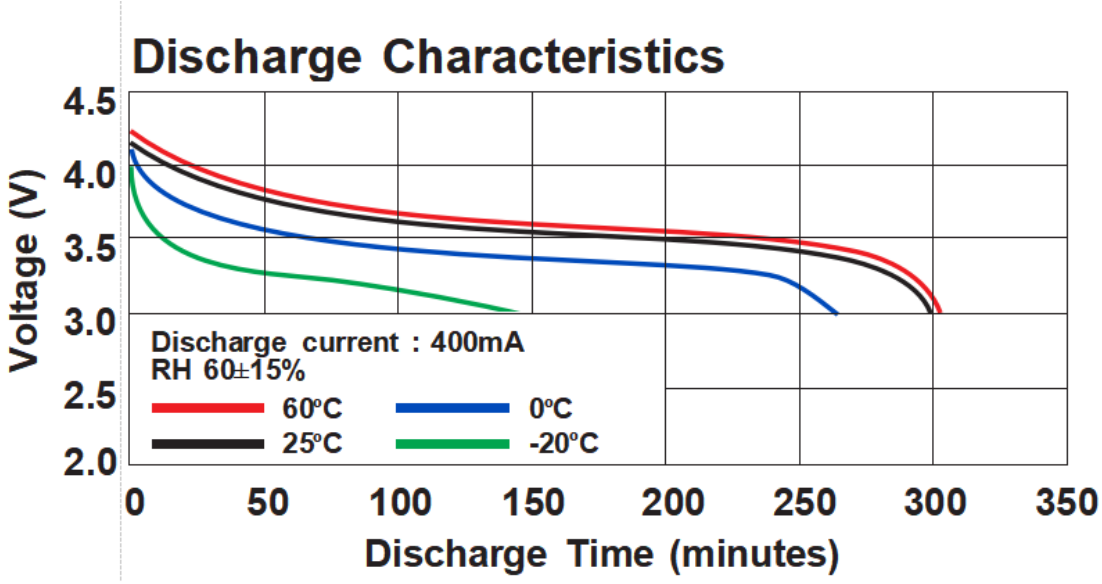
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- l When charging LiPo batteries, they must be charged at the voltage of the number of cells in series. Example: A 5s4p pack must be charged as a 5 cell pack.
- Do not charge a Lipo battery mat has 'ballooned' or 'puffed up', or shows any signs of leakage or physical damage.
- 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 batteries unattended.
- Heat kills Lipos, the hotter a battery gets, the shorter the lifespan will be.
- Do not puncture the cells as this could cause a fire.
- ALWAYS store batteries away from heat sources.
- Batteries should not be carried in pockets as coins, keys and similar metal items can cause shorting leading to overheating, burns or ignition.
- If safe to do so, fully discharge batteries that are to be disposed of.
- Insulate all battery terminals on batteries to be disposed of.
- Reacting and leaking batteries are considered hazardous waste. Please consult Emergency Procedures below.