3.7V Lithium Polymer Battery Data Sheet

Model: 305366

Please Find More:

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

File Number: A/FP5366-7288

File Version: 01

CONTACT

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

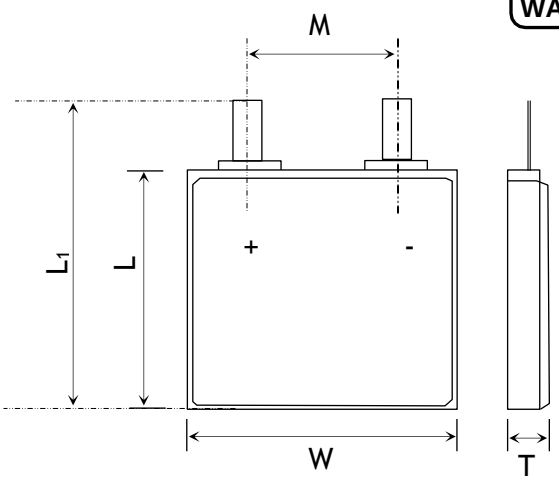
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 305366
Nominal Voltage	3.7 V
Nominal Capacity	1050 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	3
W	53
M	10
L	66
L_1	68
BL	68 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

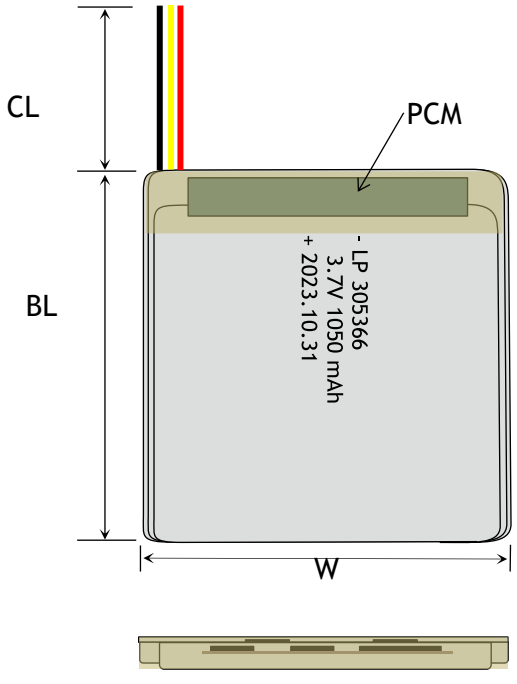
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	68x 53 x 3 mm(L*W*T)
Weight	Around 17 g
Battery Terminals	WC/ FL *

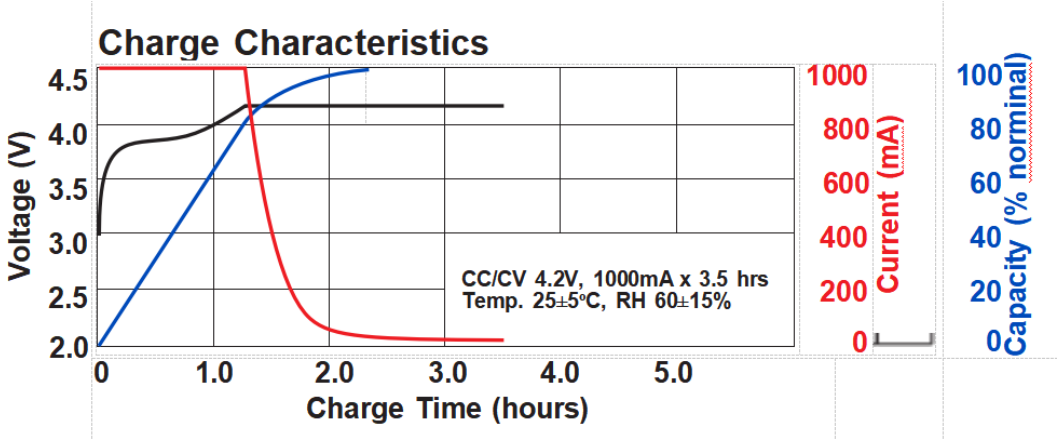


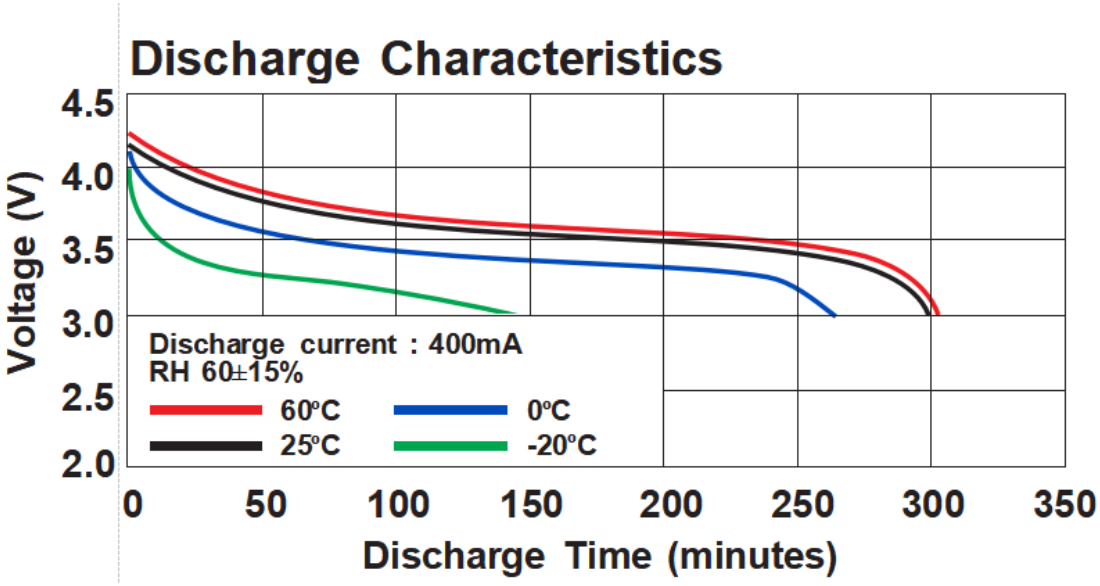
CERTIFICATION

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

- Do not expose LiPo batteries to direct sunlight or leave in a hot environment (inside an automobile in hot weather) for extended periods of time.
- Do not charge LiPo batteries in a vehicle or in the engine compartment of a vehicle.
- Check the voltage of the pack or cells before charging. Do not attempt to charge any pack if the open voltage is lower than the Lowest Open Voltage. Check the voltage of each cell before charging via the balance connector. If the voltage of any cell is less than 3.0V/cell, remove it from service, and dispose of it properly.
- NEVER attempt to charge a one-time-use (non-rechargeable) Li-Ion or LiPo battery.
- ALWAYS use the charging cord supplied with the device (or only use a replacement charging cord that is specified by the device manufacturer to bean approved alternative).
- Do not charge Lipo batteries inside a car. Do not charge Lipo batteries inside a RC model.
- Always ensure you are using the correct charger for the specific battery type you are trying to charge. Example: If you are charging a Lipo battery, only use a charger designed for Lipo batteries. If the charger can support different battery types, ensure you select the correct type. Failure to do so may cause a re, which may result in personal injury and property damage.
- Avoid tightening the voltage adjustment knob on the way to use the battery.
- Never overcharge Batteries beyond the capacity listed on Batteries labels.
- Avoid using unauthorized charging devices.
- Charge on non-conductive, non-combustible surfaces.