3.7V Lithium Polymer Battery Data Sheet

Model: 305570

Please Find More:

https://www.fpbattery.com/1200mah-lipo-battery/

File Number: A/FP5570-7957

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
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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 305570
Nominal Voltage	3.7 V
Nominal Capacity	1200 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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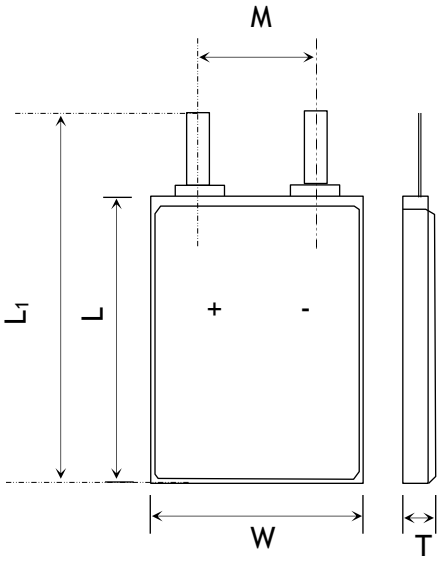
1 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	55
M	10
L	70
L_1	72
BL	72 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

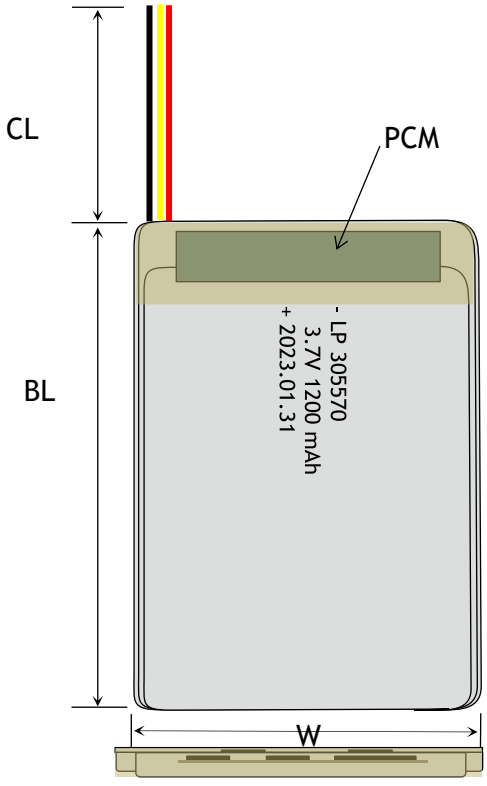
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	72x 55 x 3 mm(L*W*T)
Weight	Around 20 g
Battery Terminals	WC/ FL *

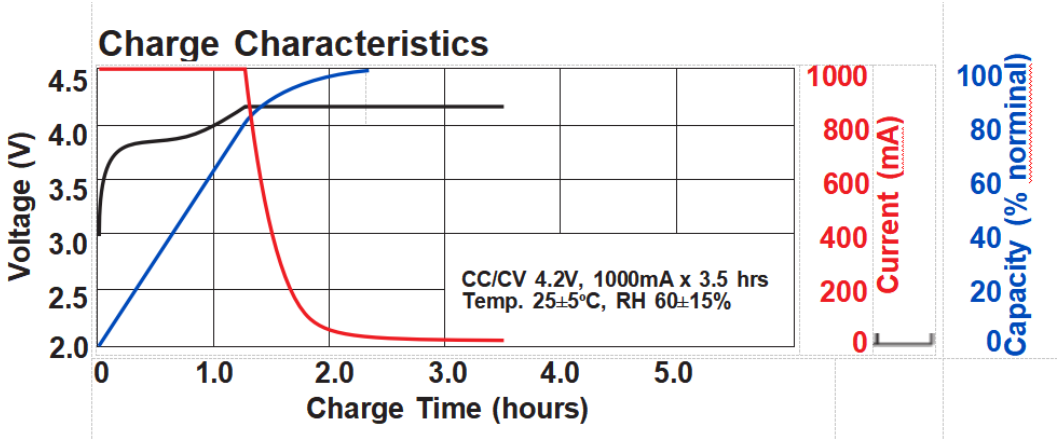


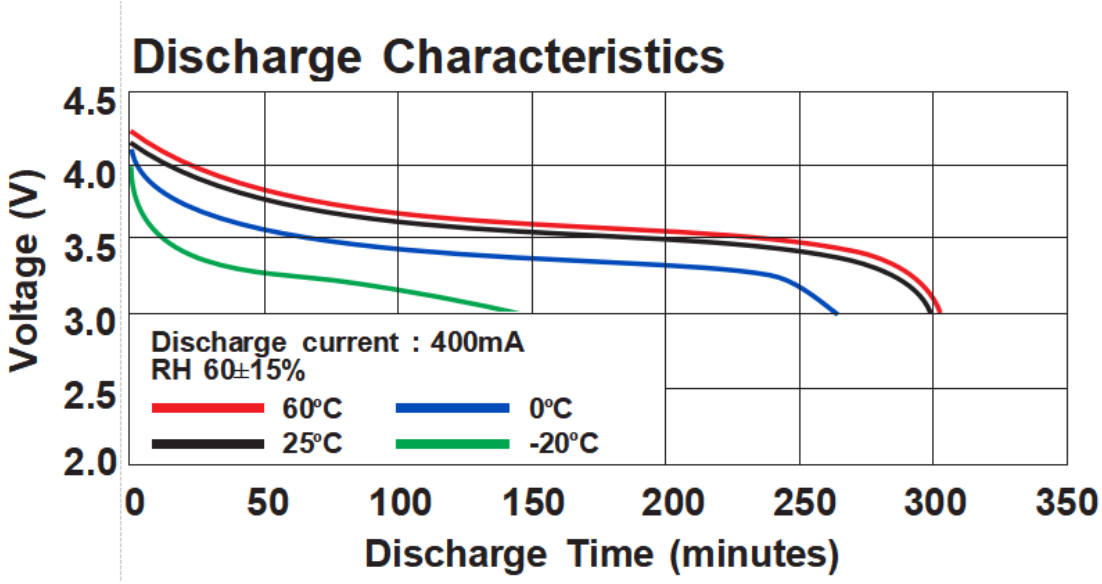
CERTIFICATION

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

- When batteries are transported in a vehicle, temperatures should be higher than 14˚F (-10˚C) but not over 140˚F (60˚C) .
- Store batteries in a location with low humidity, free from corrosive gas & combustible materials, within the temperature range of 14˚F (-10˚C) and 104˚F (40˚C). For best results, storage between from 41˚F (5˚C) and 77˚F (25˚C) is recommended.
- Monitor storage by means of suitable fire alarm
- Never use a charger that is NOT specifically designed to charge Lithium Polymer cells.
- It is essential to observe the polarity. Reverse polarity (POSITIVE and NEGATIVE) will damage the cells, cause the battery to swell and can damage your charger.
- Always use the appropriate balancer/charger when charging your LiPo battery pack.
- Obtain sand. Use in bottom of isolation containers and as a smothering agent in case of fire.
- Do not use the unit without its electronic management system.
- Every time a battery is not used actively (e.g. for more than 3 days), it should be placed in the storage area tAVOID being damaged and becoming unsafe.
- Do not charge cells that have been stored in cold conditions (below 10ºC/50ºF), let them warm up (above (10ºC/50ºF), for a minimum of 60 minutes (longer is better).You risk an explosion if you attempt to use cells that have been stored at or below 0ºC (32ºF), Warm them first for at least 60 minutes (longer is better) above 10ºC (50ºF) before charging or discharging.
- NEVER leave your LiPo battery unattended while charging.