3.7V Lithium Polymer Battery Data Sheet

Model: 305870

Please Find More:

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

File Number: A/FP5870-6525

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 305870
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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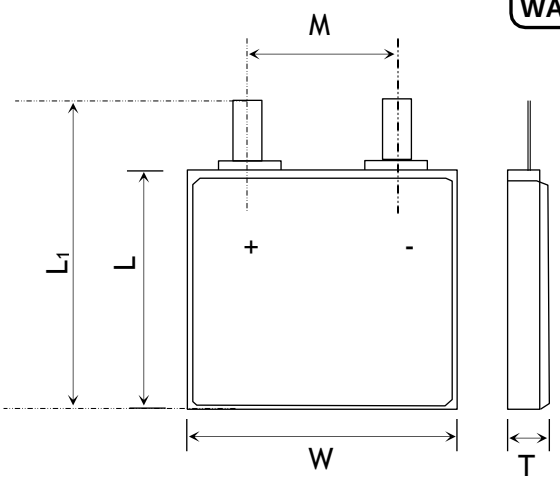
1 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	58
M	10
L	70
L_1	72
BL	72 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

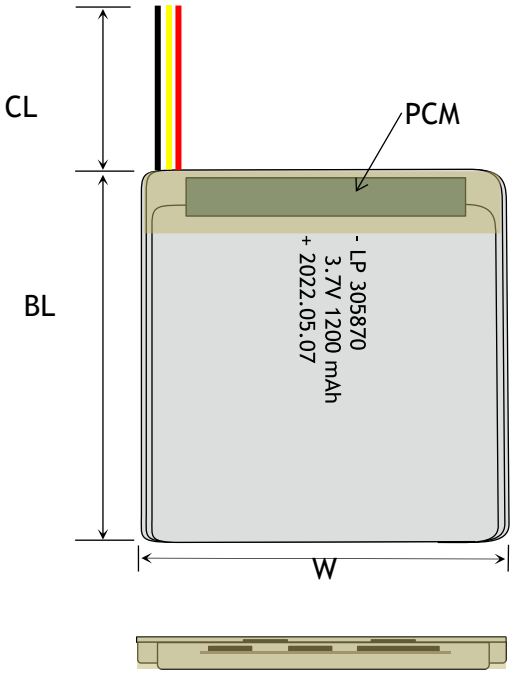
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	72x 58 x 3 mm(L*W*T)
Weight	Around 20 g
Battery Terminals	WC/ FL *

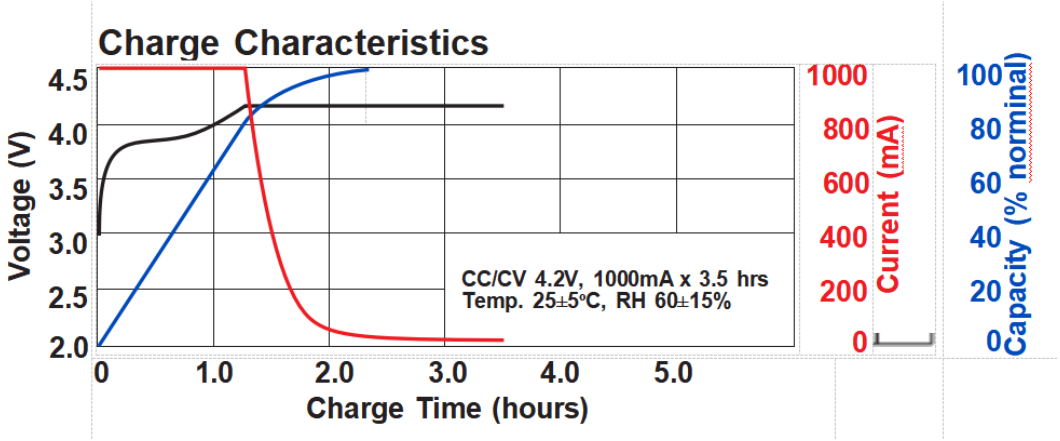


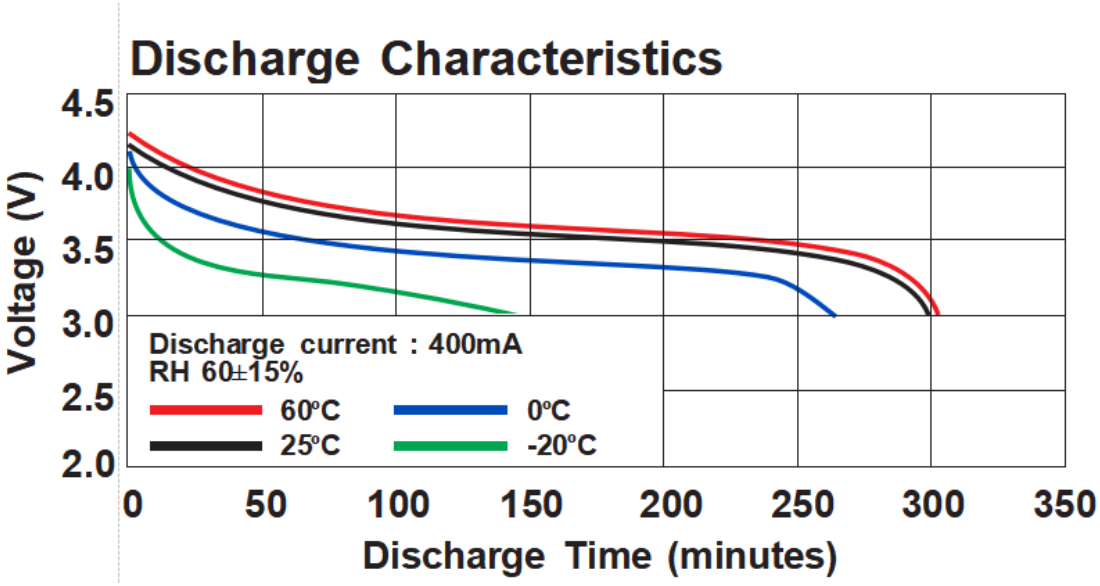
CERTIFICATION

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

- Do not use a damaged charger that could cause the battery to overcharge or over discharge.
- When using an adapter, select an output voltage and current that meets the needs of the battery.
- For systems with multiple batteries, make sure each battery is of the same type and capacity.
- Never overcharge Batteries beyond the capacity listed on Batteries labels.
- Misuse of a Lipo battery may result in the battery generating excessive heat, igniting or exploding. Keep batteries out of the reach of children.
- 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 'peak charge' or 'top off' Lipo batteries always remove Lipo batteries from a charger once they are charged.
- Avoid frequent charging and discharging on the way to using the battery.
- Do not leave Lipo batteries unattended while charging.
- Avoid using the device for a long time in a hot environment.
- When charging a LiPo battery always use LiPo Safety Bag (Flame retardant).