3.7V Lithium Polymer Battery Data Sheet

Model: 304880

Please Find More:

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

File Number: A/FP4880-15099

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 304880
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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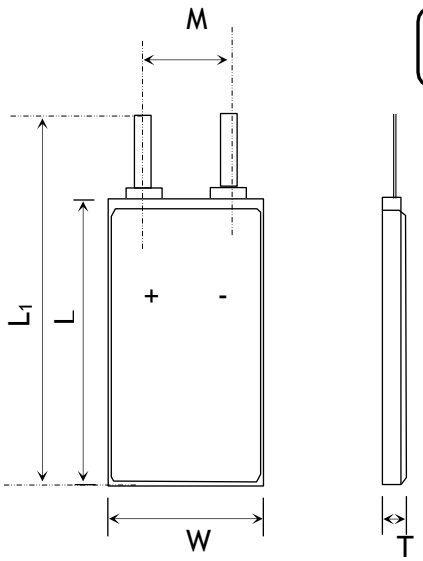


1 YEAR WARRANTY

Item	Parameter (mm)
T	3
W	48
M	10
L	80
L_1	82
BL	82 ± 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

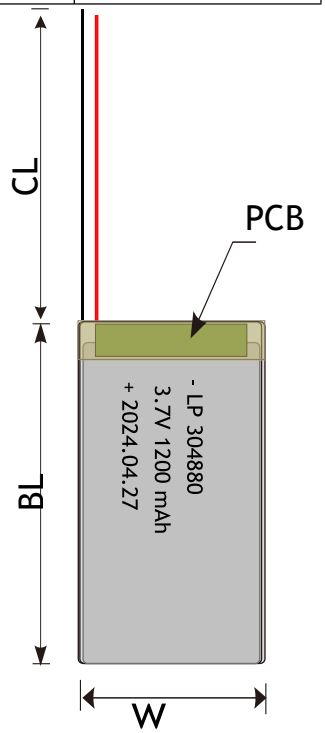
MECHANICAL SPECIFICATIONS

Dimensions	82x 48 x 3 mm(L*W*T)
Weight	Around 20 g
Battery Terminals	WC/ FL *

CERTIFICATION

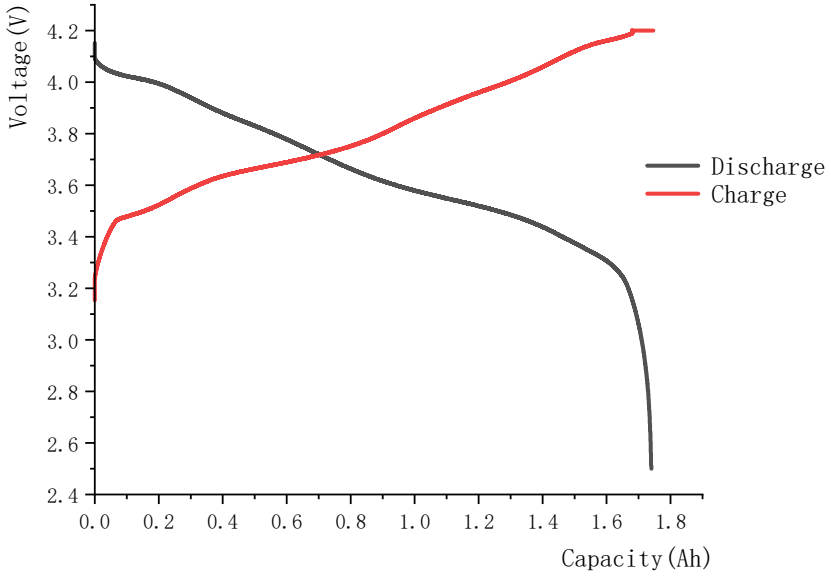
Certification Approval	PLEASE CONSULT SALES

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

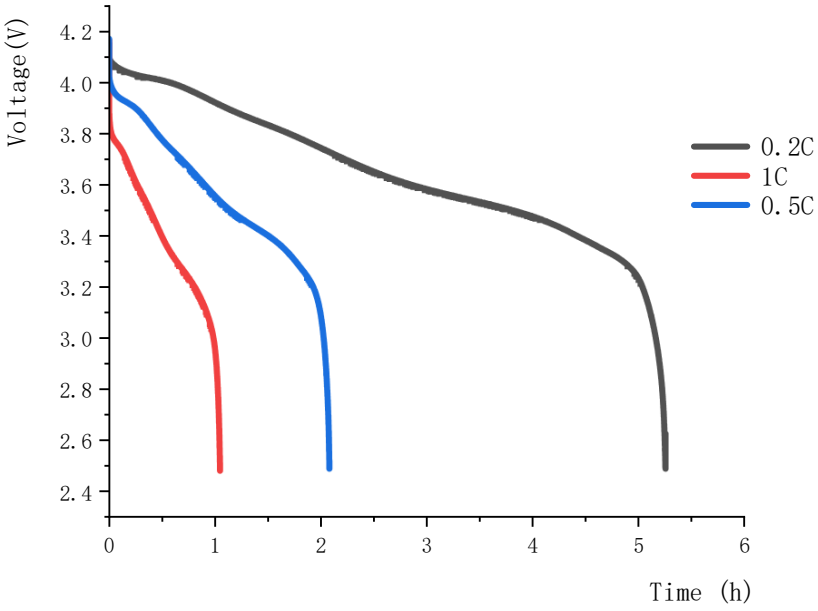


RELATIVE CURVES

Discharge VS Charge Characteristics Curve@0.2C 25℃



Discharge Characteriestics Curve in Different Rate@25℃



ANNOUNCEMENT

- Do not touch the battery to materials that are easily conductive.
- 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.
- If safe to do so, fully discharge batteries that are to be disposed of.
- Store lithium batteries in a dedicated, vented fire-rated cabinet. Keep combustible materials clear of the cabinet. Label cabinet as containing lithium batteries.
- ALWAYS identify and separate one-time-use batteries from rechargeable batteries.
- NEVER put Li-Ion or LiPo batteries in the trash.
- When using the adapter, make sure that the voltage and current requirements are met.
- Never charge a damaged or inflated battery.
- Do not allow the battery to be fully discharged and recharge it promptly to prolong battery life.
- Never charge the battery at a current exceeding 2C (2 x the capacity of the battery). A higher charge rate may cause fire.