3.7V Lithium Polymer Battery Data Sheet

Model: 304065

Please Find More:

https://www.fpbattery.com/3-7v-750mah-lithium-polymer-battery/

File Number: A/FP4065-14440

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/

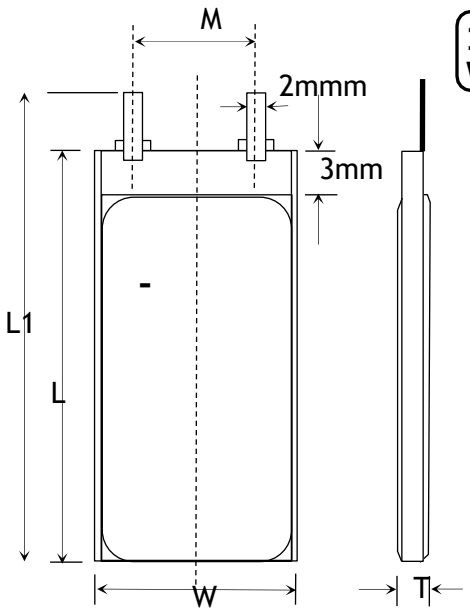
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 304065
Nominal Voltage	3.7 V
Nominal Capacity	780 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



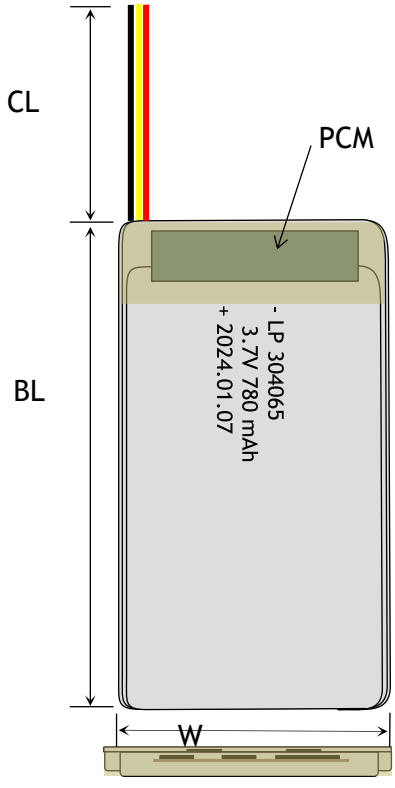
Item	Parameter (mm)
T	3
W	40
M	10
L	65
L_1	67
BL	67 ± 1
CL	100

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

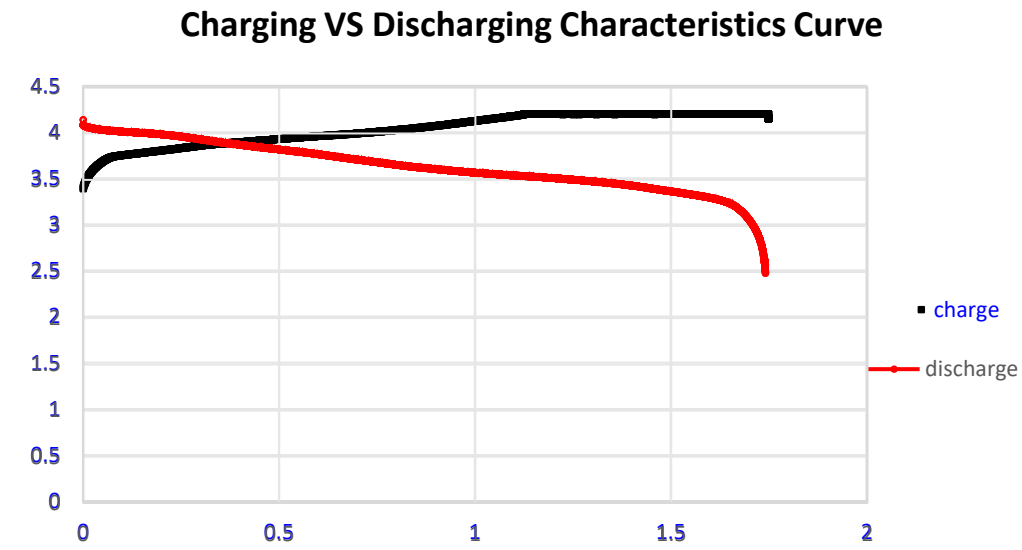
Dimensions	67x 40 x 3 mm(L*W*T)
Weight	Around 13 g
Battery Terminals	WC/ FL *

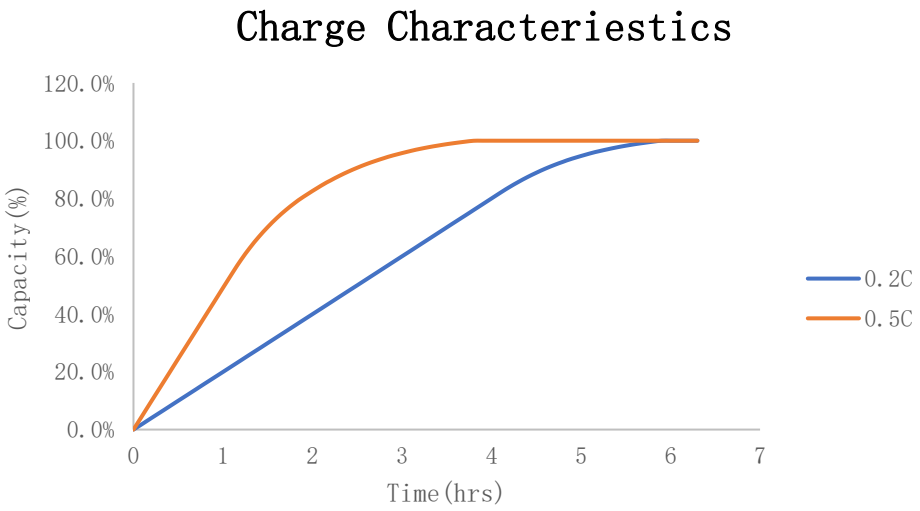
CERTIFICATION

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

- Never remove the battery from its protective plastic case.
- Do not use a damaged charger that could cause the battery to overcharge or over discharge.
- ALWAYS activate the building fire alarm system and call 9-1-1 to notify the fire department.
- When using the charger, please monitor the temperature of the charger.
- Clean the battery connectors regularly to maintain good contact performance.
- If the electrolyte in the cells gets on your skin, wash the area thoroughly with soap and water. If it gets in your eyes, rinse at emergency eyewash station for 15 minutes with cool water and seek immediate medical attention.
- Security or other responsible staff on site who may be called to take action in an emergency should be made aware of the location of the charging area, the means for isolating the power and the action to take in an emergency.
- Avoid placing the battery near sources of ignition.
- Always guard against any possible short circuit.
- Avoid prolonged use of the battery until depleted.
- The cells shall never be soaked with liquids such as water, seawater drinks such as soft drinks, juices coffee or others.