3.7V Lithium Polymer Battery Data Sheet

Model: 307878

Please Find More:

https://www.fpbattery.com/3-7v-5500mah-lithium-polymer-battery/

File Number: A/FP7878-1864

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

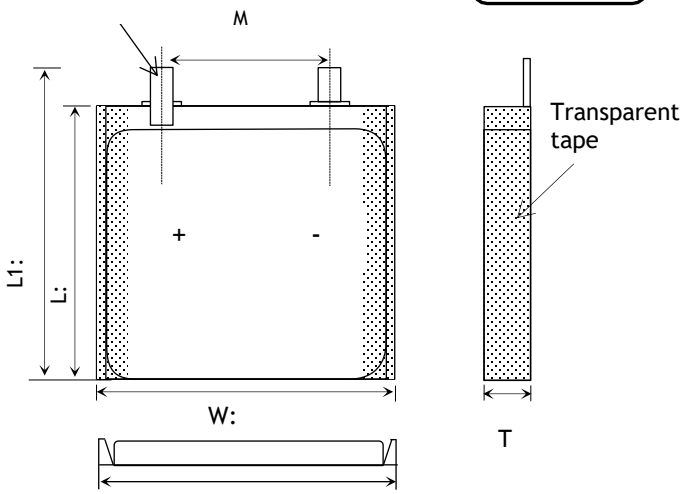
BATTERY SPECIFICATION

Part Number	DNK 307878
Nominal Voltage	3.7 V
Nominal Capacity	1800 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

1 YEAR WARRANTY

Inflex and soler



Item	Parameter (mm)
T	3
W	78
M	10
L	78
L_1	80
BL	80 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

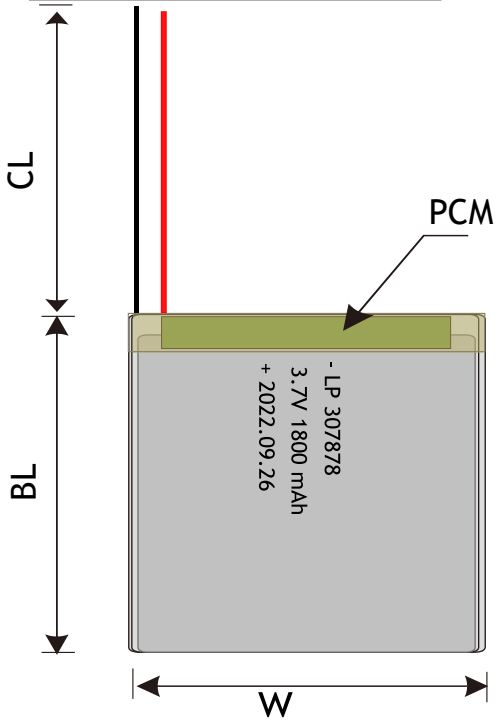
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	80x 78 x 3 mm(L*W*T)
Weight	Around 30 g
Battery Terminals	WC/ FL *

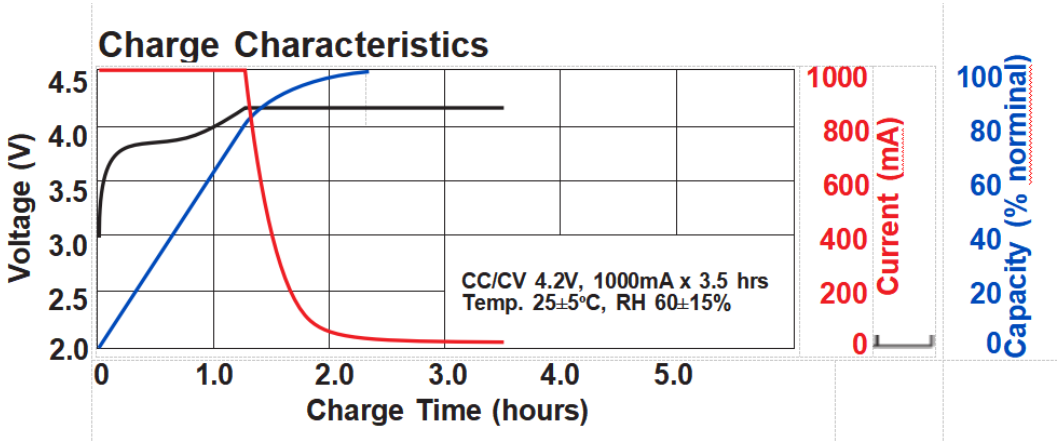


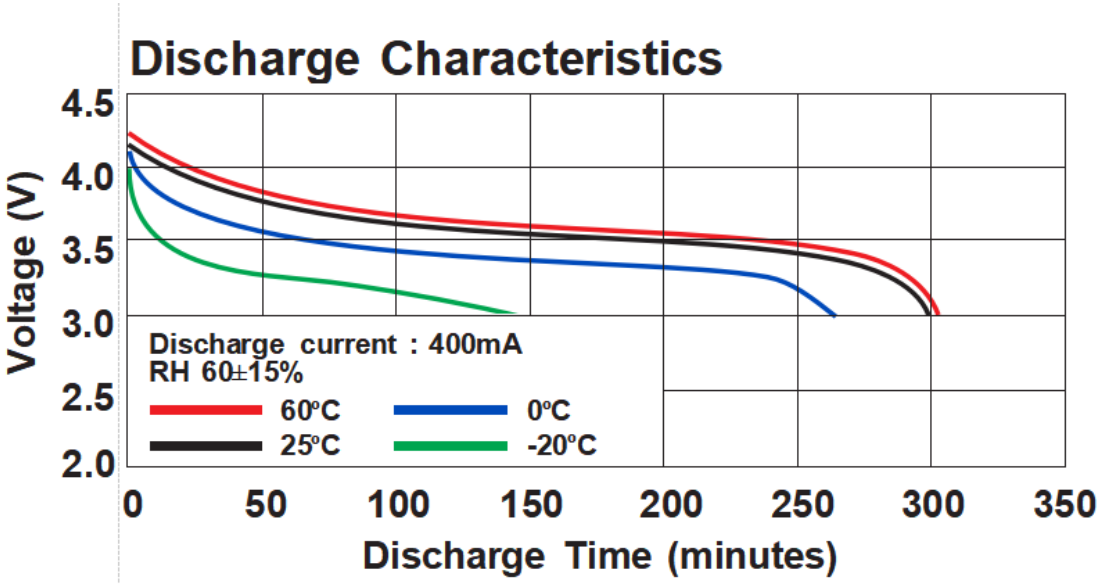
CERTIFICATION

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

- Read and understand the battery's instruction manual carefully before use.
- Do not use the battery during charging to avoid overheating and safety accidents.
- NEVER charge a device under a pillow, on a bed, on a carpet, on a couch, or other combustible material.
- Never charge a battery pack that has been punctured or damaged.
- Maintain safe distances (up to 5m from flammable materials)
- Avoid using charging methods other than wireless chargers.
- Do not leave cells un-attended when charging. Always remain close to the charging cells to constantly monitor the charging process and react to any potential problems should they occur.
- Obtain infrared thermometer for remote battery temperature monitoring.
- Store LiPo batteries at correct voltage (around 3.8 volts).
- Do not soak the battery with water.
- Always follow the manufacturer’s safety instructions