3.7V Lithium Polymer Battery Data Sheet

Model: 306060

Please Find More:

https://www.fpbattery.com/3-7v-1100mah-lithium-polymer-battery/

File Number: A/FP6060-1928

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

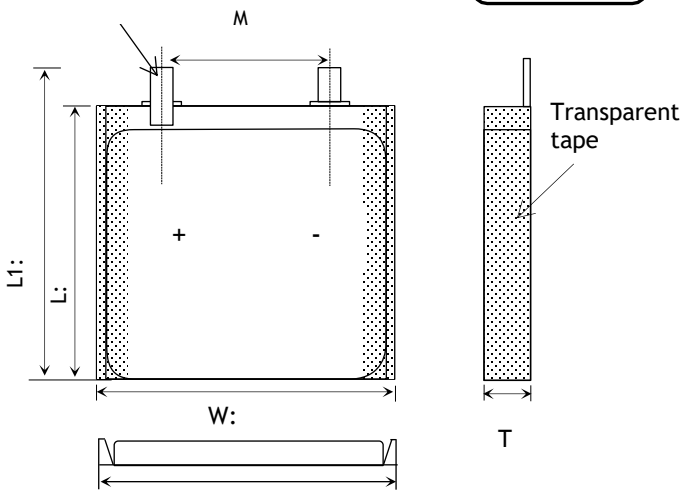
BATTERY SPECIFICATION

Part Number	DNK 306060
Nominal Voltage	3.7 V
Nominal Capacity	1100 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	60
M	10
L	60
L_1	62
BL	62 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

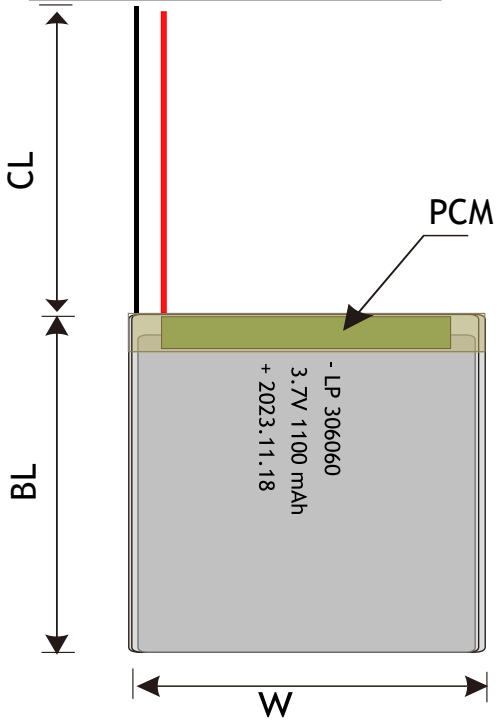
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	62x 60 x 3 mm(L*W*T)
Weight	Around 18 g
Battery Terminals	WC/ FL *

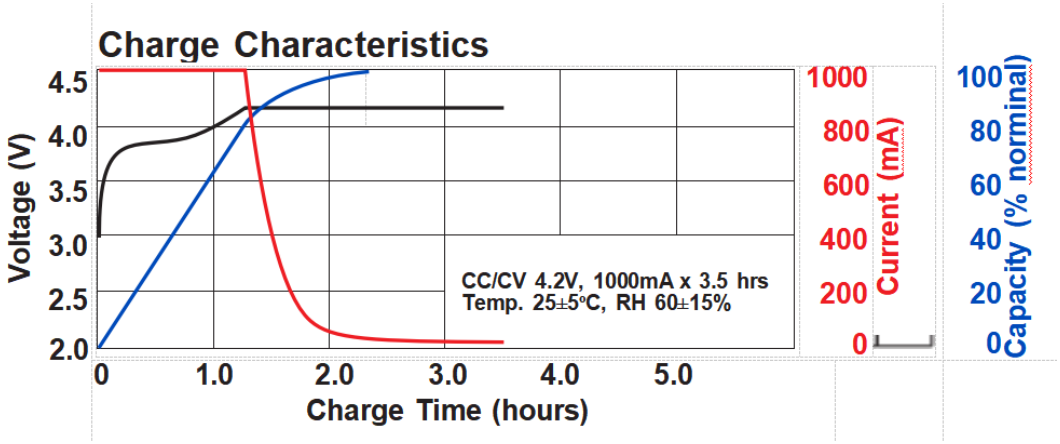


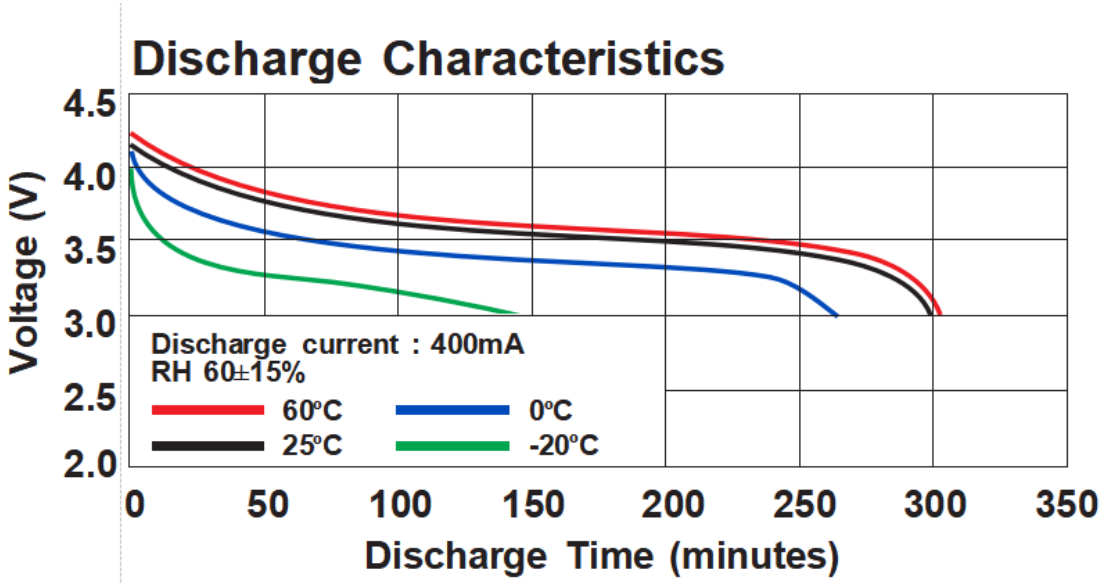
CERTIFICATION

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 short the wires of your LiPo battery. This is very dangerous and can cause a fire or even an explosion. If you accidentally short the wires of your LiPo battery, either cover it with a fire blanket, or put it in a non-conductive fire-proof container and place it outside away from all flammable objects for at least 30 minutes as chemical reactions can take this long before a fire starts.
- Do not throw the battery in a fire.
- NEVER charge a Li-ion or LiPo battery overnight and unattended.
- Immediately disconnect the batteries if, during operation or charging, they emit an unusual smell, develop heat, change shape/geometry, or behave abnormally.
- Do not touch the battery to materials that are easily conductive.
- Never drop this type of battery, it will be deformed and we advise you never to try to charge a deformed battery as this may cause swelling, leakage and even fire.
- 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.
- If leaking material is present, do not touch it.
- ALWAYS close the door to the room or space.
- Never leave un-attended!
- Never leave a battery unattended while charging. During the entire process of charging your LiPo battery, you must constantly observe and monitor the

charging process so that you can quickly react to any problems that may occur and to be certain that the battery is being charged properly.