3.7V Lithium Polymer Battery Data Sheet

Model: 306280

Please Find More:

https://www.fpbattery.com/1500mah-lithium-polymer-battery/

File Number: A/FP6280-8339

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 306280
Nominal Voltage	3.7 V
Nominal Capacity	1500 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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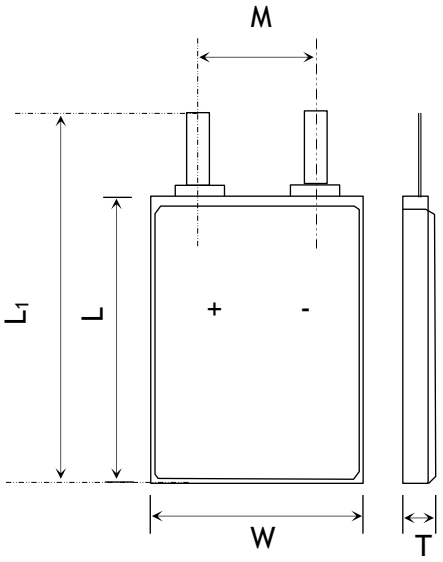
1 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	62
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

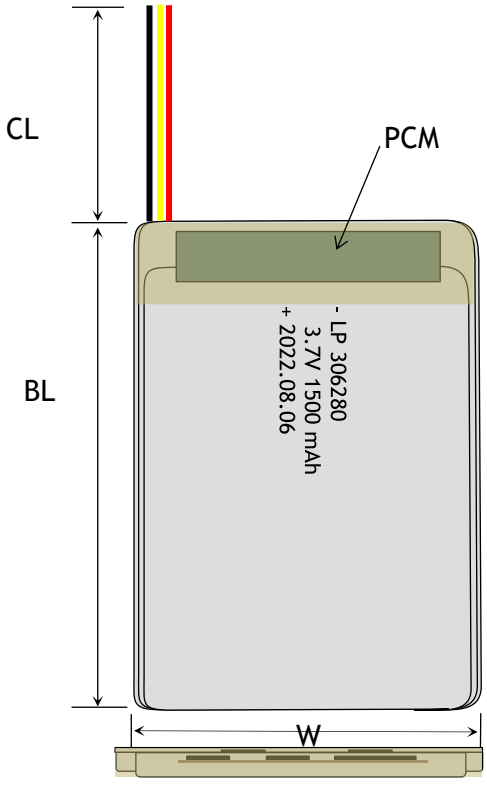
MECHANICAL SPECIFICATIONS

Dimensions	82x 62 x 3 mm(L*W*T)
Weight	Around 25 g
Battery Terminals	WC/ FL *

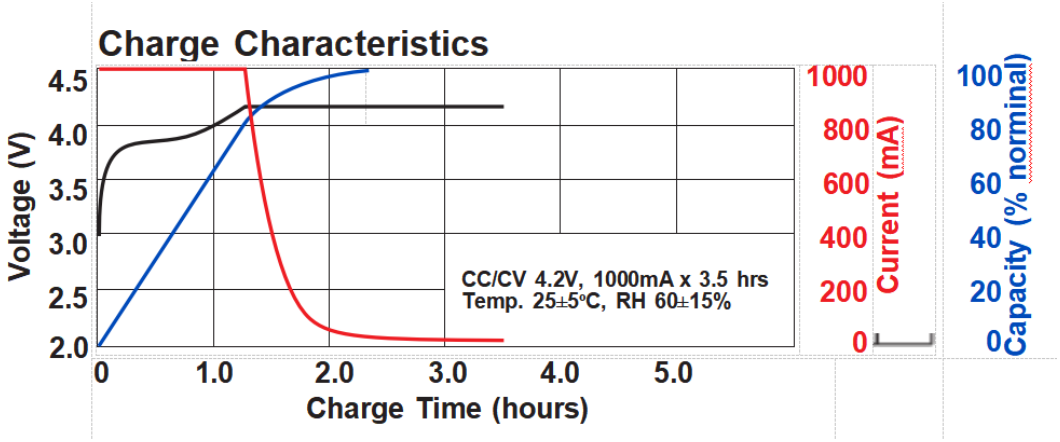
CERTIFICATION

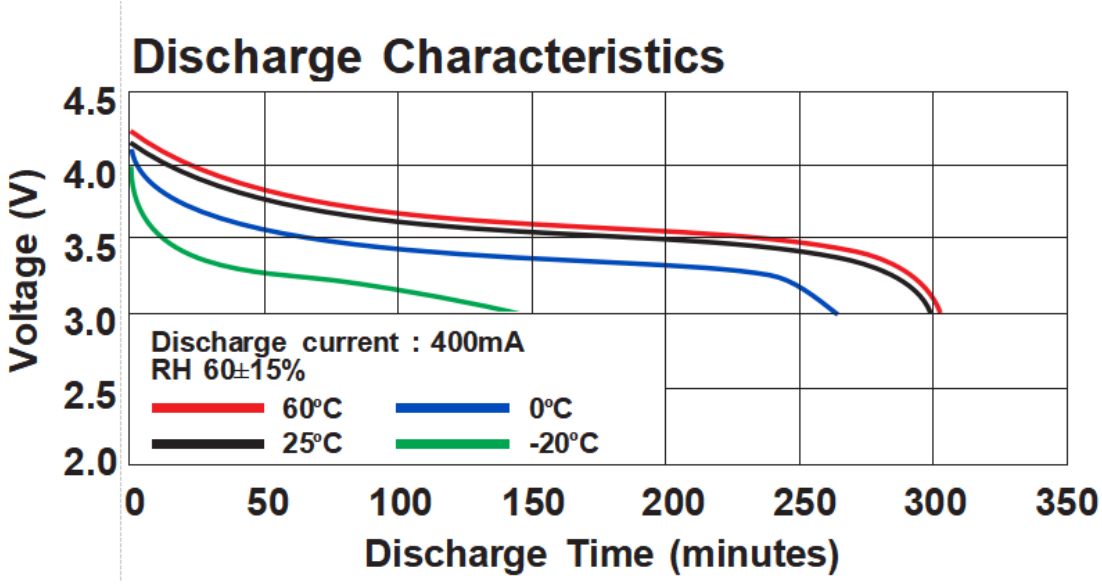
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- Never charge a very hot battery as this may cause an explosion or fire.
- If a cell is venting or smoking, evacuate, all personnel from the area, closing doors behind you. The area should be secured to ensure that no unnecessary persons enter.
- Always charge the LiPo battery outdoors or in a ventilated area away from flammable objects and surfaces.
- Do not submit to static electricity risks tAVOID damages to the Protecting Circuit Board.
- Prevent arcing by turning the charger off before disconnecting the battery.
- If taking lithium batteries on an aircraft, follow FAA and IATA rules.
- Store and transport in a non-flammable container
- Store Li-Ion batteries and devices in dry, cool locations and in fire-resistant containers.
- Never charge a LiPo battery while inside your model.
- Use high quality battery connectors. Using connectors that do not fit tightly into the battery socket may result in overheating and melting of the battery case. Remove the connectors from the battery after EVERY use and during storage. Failure to do so will result in plug fatigue resulting in a bad connection and possible case melting. Replace connectors frequently to preserve good connections.
- Heat kills Lipos, the hotter a battery gets, the shorter the lifespan will be.