3.7V Lithium Polymer Battery Data Sheet

Model: 356481

Please Find More:

https://www.fpbattery.com/3-7v-1800mah-lithium-polymer-battery/

File Number: A/FP6481-7757

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

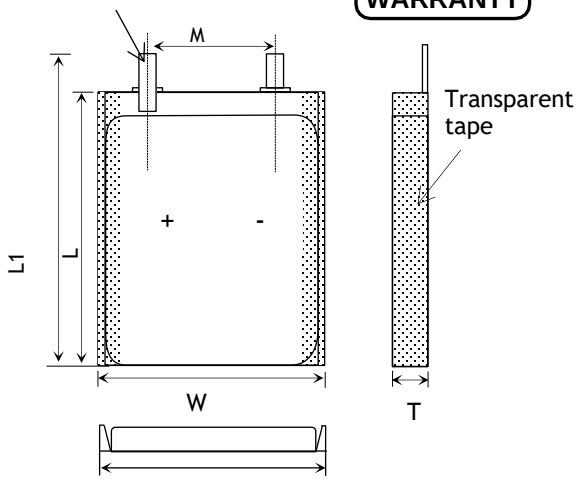
BATTERY SPECIFICATION

Part Number	DNK 356481
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)

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Inflex and soler

1 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	64
M	10
L	81
L_1	83
BL	83 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

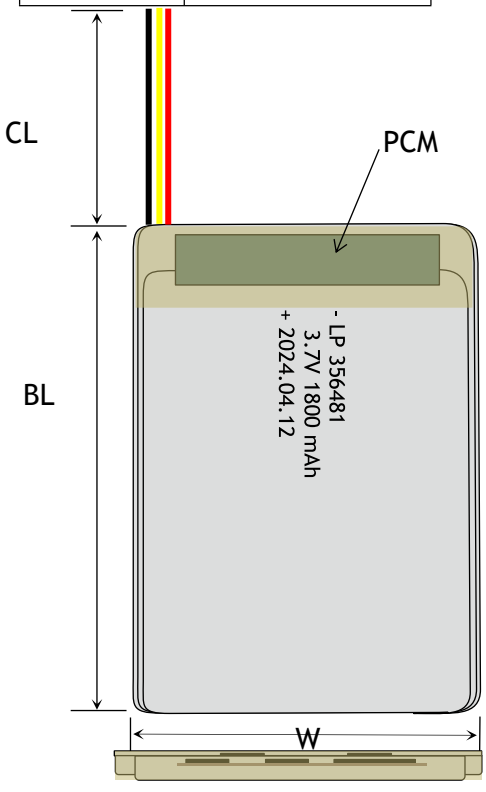
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	83x 64 x 3 mm(L*W*T)
Weight	30 g
Battery Terminals	WC/ FL *

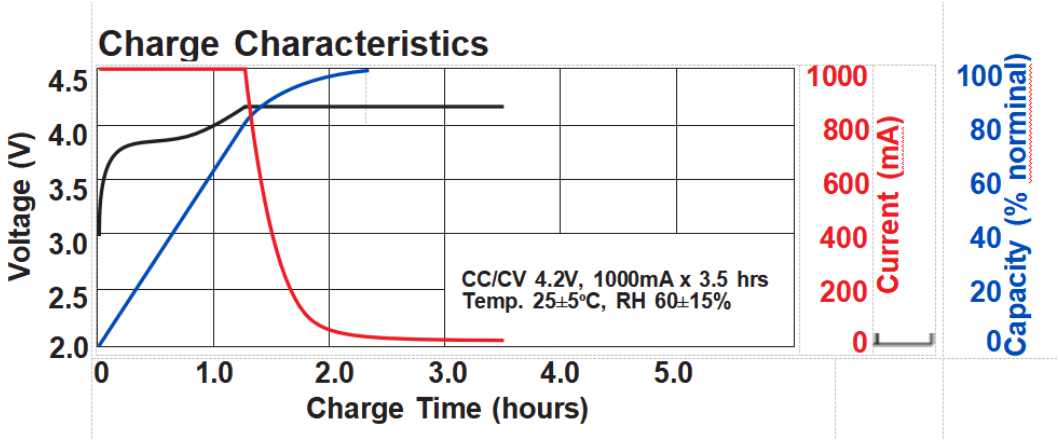


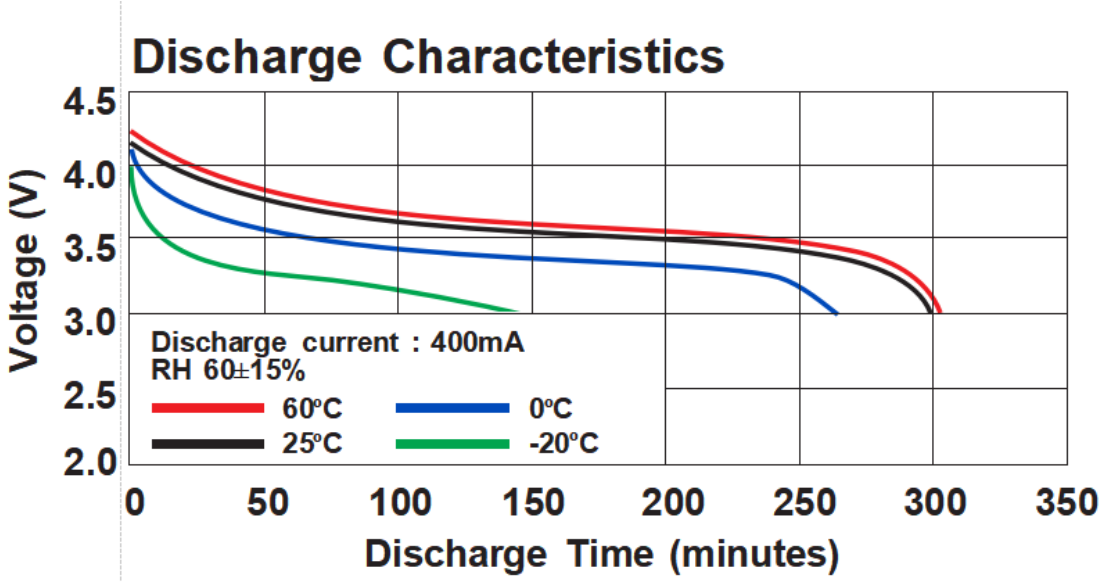
CERTIFICATION

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

- A LiPo Sack or metal/ceramic storage container is safest. Always store your LiPo's partially charged so they maintain their performance levels overtime; there is no need to cycle them unless When storing batteries for extended periods, store at a half charged state. stored for periods longer than 36 months.
- Use lithium battery safety bags/containers during charging.
- Never charge a battery that shows signs of puffing.
- Never overcharge Batteries beyond the capacity listed on Batteries labels.
- Store behind a fire door and where a fire alarm is situated.
- If a remote device is not available, do not handle the cell for a period of at least 24 hours.
- Never charge a LiPo battery on a wooden or other combustible (carpeted) surface. Always charge LiPo batteries on surfaces made of cement, steel, ceramic or stone.
- Ensure that you choose a regular and reputable supplier before purchasing.
- Exercise caution with new products like E-Scooters where all safety considerations may not be recognized or that may encourage cheap knock-offs built without adherent to safety standards.
- Never charge a battery pack that has been punctured or damaged.
- Do not place the battery on flammable materials near a fire source.