3.7V Lithium Polymer Battery Data Sheet

Model: 356386

Please Find More:

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

File Number: A/FP6386-9865

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 356386
Nominal Voltage	3.7 V
Nominal Capacity	1900 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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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	88x 63 x 3 mm(L*W*T)
Weight	31 g
Battery Terminals	WC/ FL *

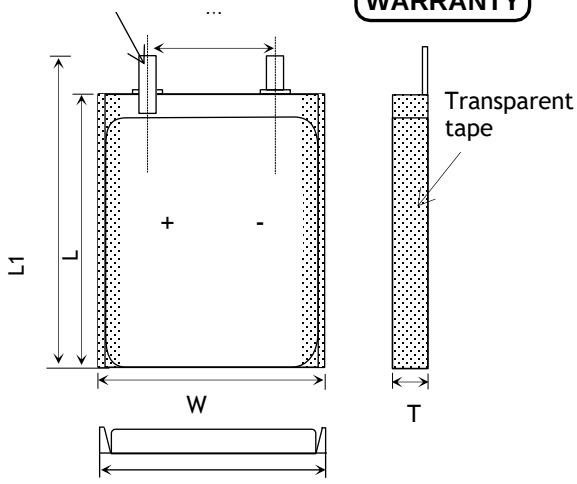
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

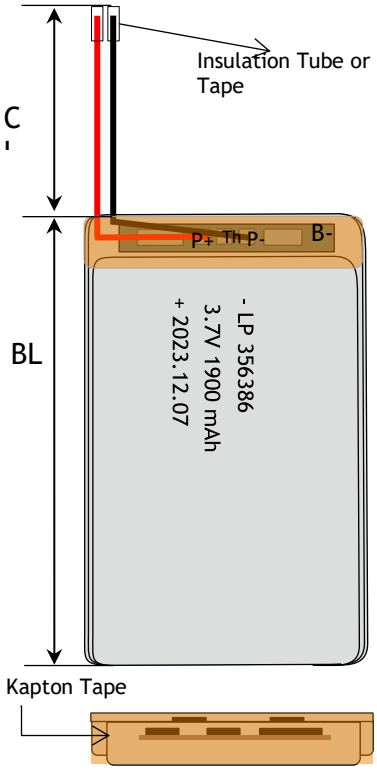
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

Inflex and soler

1 YEAR WARRANTY



Item	Parameter (mm)
T	3
W	63
M	10
L	86
L_1	88
BL	88 ± 1
CL	100



BULK PRODUCTION ACTUAL PICTURES



BARE CELL (BC)



FLYING LEADS (FL)



WITH CONNECTOR (WC)



BLUE WRAPPED PVC (UWP)



BLACK WRAPPED PVC (BWP)

3.7V LIPO BATTERY OPTIONS

Special Ingredients to make batteries work from -40 -85 ° C

Discharging Current up to 100C

Popular JST,Molex,Hirose,Anderson available



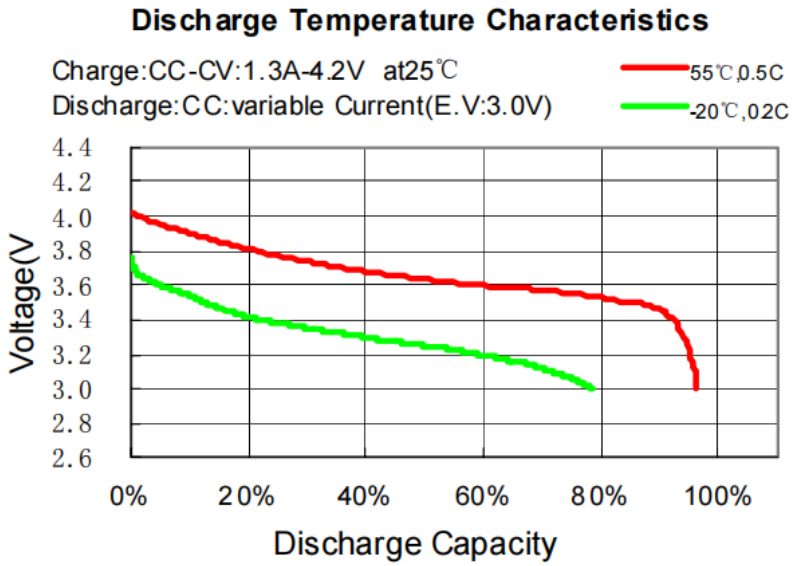


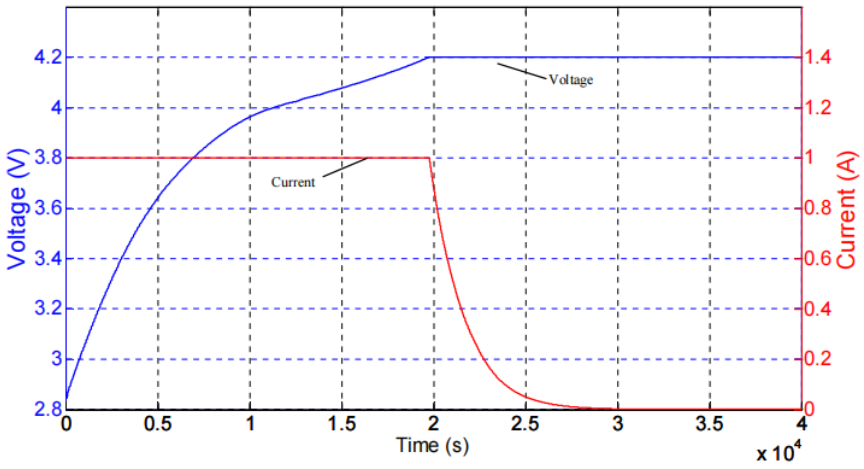
LED Power Indicator



Power Button

RELATIVE CURVES





ANNOUNCEMENT

- Do not put batteries in contact with conductive materials, water, seawater, strong oxidizers
- If you start seeing any physical changes to the battery while charging example puffing, STOP charging immediately and dispose of the battery responsibly.
- Charging current should be less than maximum charge current specified in the Product Specification.
- Store in fire protected, separate areas.
- Never remove the battery from its protective plastic case.
- The discharge temperature range is between 32°F (0°C) and 113°F (45°C).
- If a remote device is not available, do not handle the cell for a period of at least 24 hours.
- Do not soak the battery with water.
- 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.
- Always verify voltage of Batteries before use, this is especially important for packs that have been out of service for greater than six (months.
- Never let the positive and negative battery leads touch each other. It can lead to cell ballooning, cell damage, fire or an explosion.