3.7V Lithium Polymer Battery Data Sheet

Model: 404363

Please Find More:

https://www.fpbattery.com/3-7v-1000mah-lithium-polymer-battery/

File Number: A/FP4363-11531

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 404363
Nominal Voltage	3.7 V
Nominal Capacity	1080 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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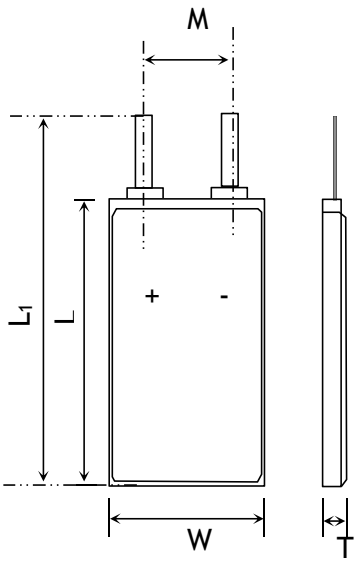
1 YEAR WARRANTY



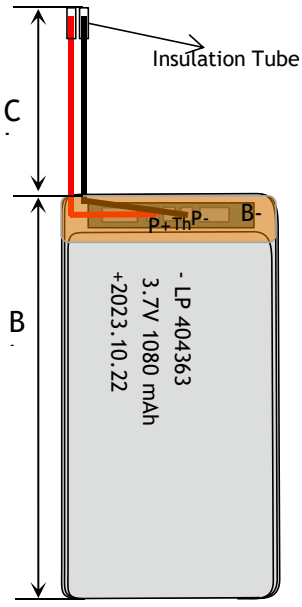
Item	Parameter (mm)
T	4
W	43
M	10
L	63
L_1	65
BL	65 ± 1
CL	100

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

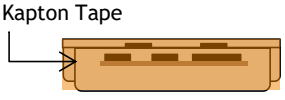
BATTERY PROTECTION

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



MECHANICAL SPECIFICATIONS

Dimensions	65x 43 x 4 mm(L*W*T)
Weight	Around 18 g
Battery Terminals	WC/ FL *

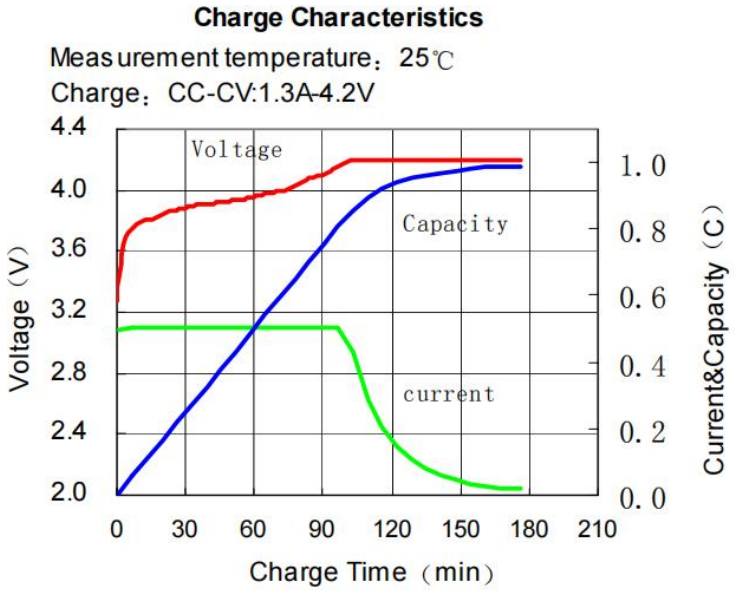


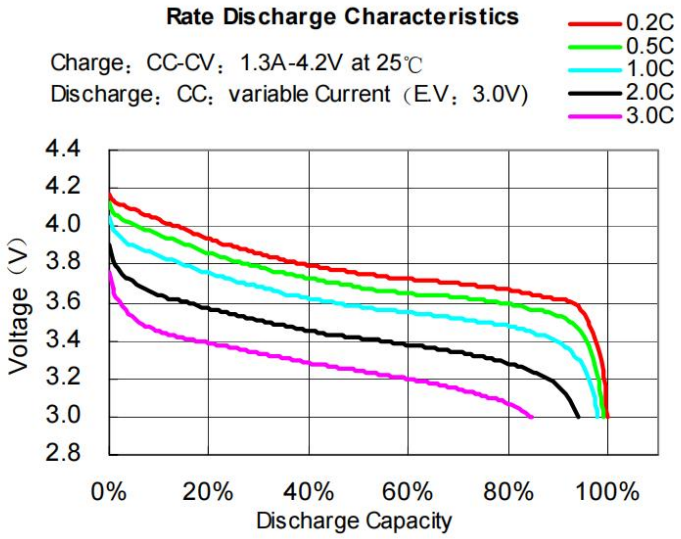
CERTIFICATION

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 expose the battery to temperature extremes, such as high or low temperatures.
- Charge only with an approved LiPo charger, according to the parameters for the particular battery
- Regularly check the condition of the battery. Do not use if damaged or swollen
- Do not charge LiPo batteries in the model as you can not successfully monitor and move them quickly if necessary.
- Never charge a battery that is still warm after usage, and never use a battery that is still warm from charging.
- Avoid storing unused batteries for long periods of time, and perform regular battery maintenance and charging.
- Do not use unsuitable battery cover materials.
- Ensure that you purchase the right type and size of battery that matches the requirements of your equipment.
- Place batteries suspected of being damaged into the emergency battery isolation container and monitor temperature.
- Do not apply sticky substances to the positive and negative terminals of the battery.
- Only authorized personnel may ship lithium batteries. Contact EHRS if there is a need to ship batteries.