3.7V Lithium Polymer Battery Data Sheet

Model: 403750

Please Find More:

https://www.fpbattery.com/3-7v-12000mah-lithium-polymer-battery/

File Number: A/FP3750-9549

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

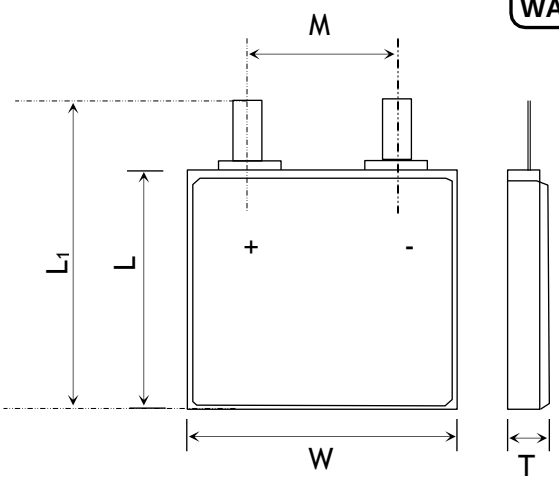
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 403750
Nominal Voltage	3.7 V
Nominal Capacity	740 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 year warranty



Item	Parameter (mm)
T	4
W	37
M	10
L	50
L_1	52
BL	52 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

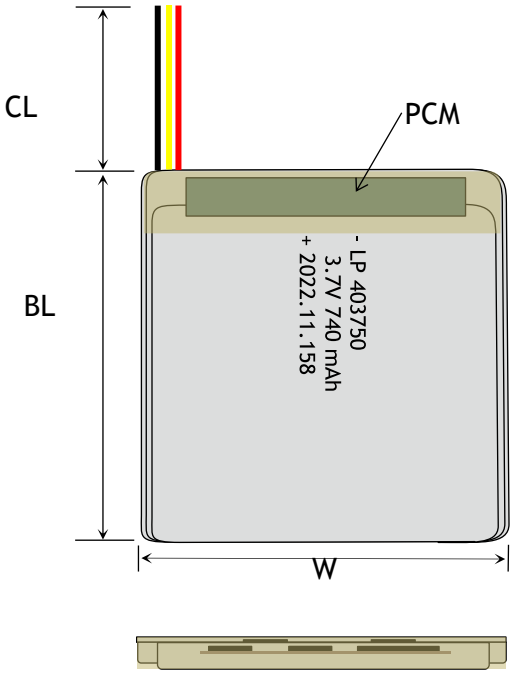
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	52x 37 x 4 mm(L*W*T)
Weight	Around 12 g
Battery Terminals	WC/ FL *

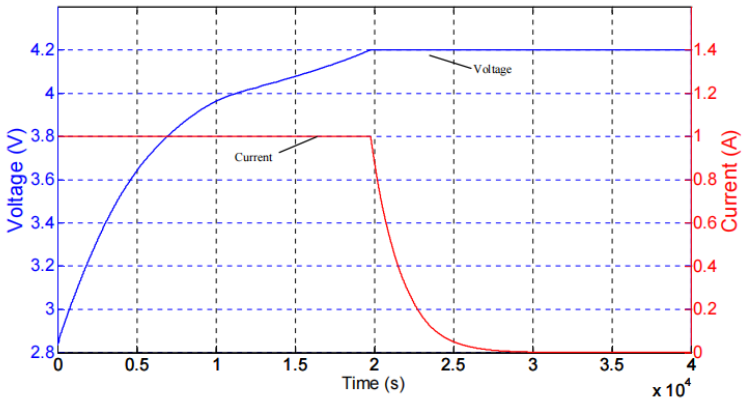


CERTIFICATION

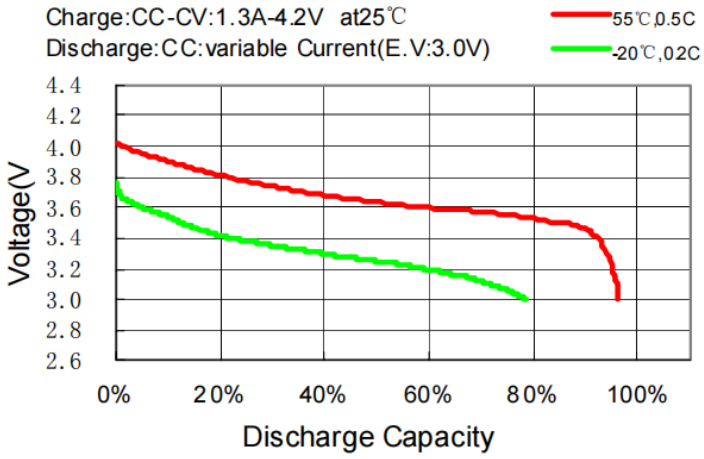
Certification Approval	PLEASE CONSULT SALES

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

RELATIVE CURVES



Discharge Temperature Characteristics



ANNOUNCEMENT

- ALWAYS use the correct battery and charger size and type that is specified for the device.
- Emergency Response and Disposal
- Store LiPo batteries to be disposed of in a dedicated area of the battery storage cabinet or a dedicated area of the lab away from combustible materials.
- Maintain the minimum quantity of batteries possible.
- Do not charge Lipo batteries inside a car. Do not charge Lipo batteries inside a RC model.
- Do not immerse the battery in water or expose it to moisture.
- Do not put batteries in contact with conductive materials, water, seawater, strong oxidizers
- Do not charge Lipo batteries inside a car. Do not charge Lipo batteries inside a RC model.
- Do not inhale the smoke/fumes of a LiPo battery that is on fire. The smoke is toxic. Leave the area and call 911.
- Misuse of a Lipo battery may result in the battery generating excessive heat, igniting or exploding. Keep batteries out of the reach of children.
- Do not place metallic substances in direct contact with the positive and negative terminals of the battery.