3.7V Lithium Polymer Battery Data Sheet

Model: 403565

Please Find More:

https://www.fpbattery.com/3-7v-900mah-lithium-polymer-battery/

File Number: A/FP3565-17557

File Version: 01

CONTACT

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

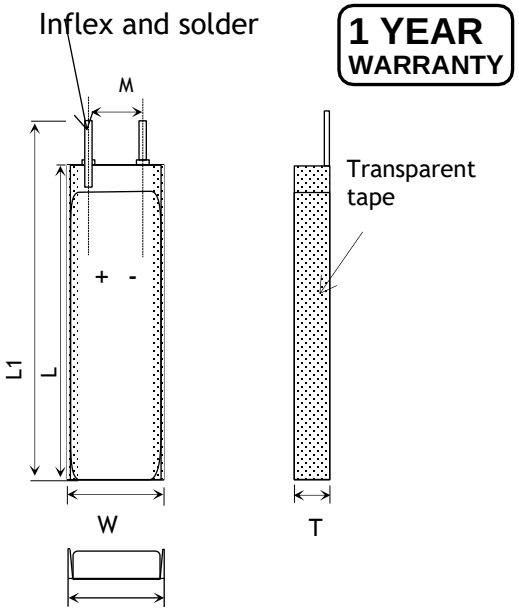
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 403565
Nominal Voltage	3.7 V
Nominal Capacity	910 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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Item	Parameter (mm)
T	4
W	35
M	10
L	65
L_1	67
BL	67 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

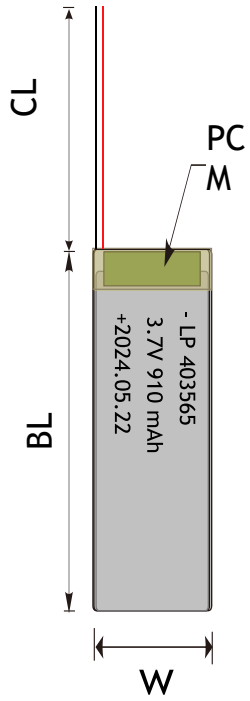
Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

BATTERY PROTECTION

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

MECHANICAL SPECIFICATIONS

Dimensions	67x 35 x 4 mm(L*W*T)
Weight	15 g
Battery Terminals	WC/ FL *



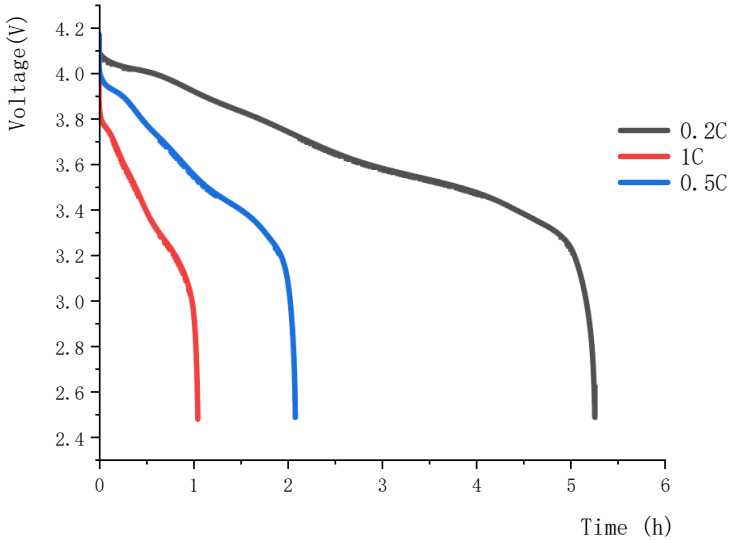
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

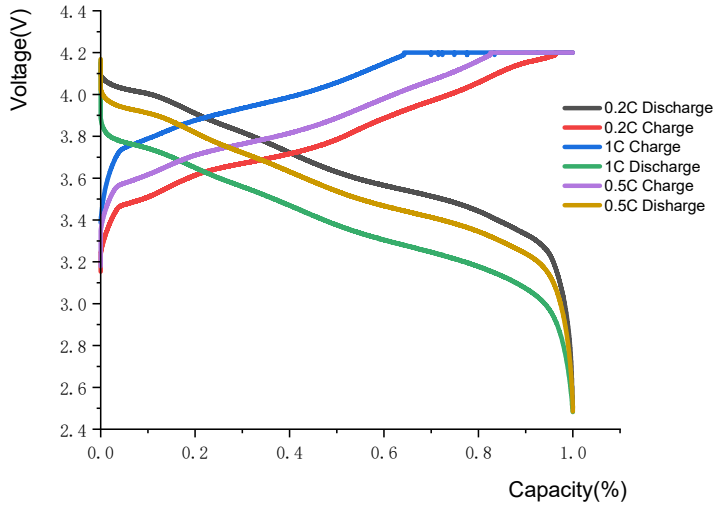
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC
BWP=Black Wrapped PVC BC= Bare Cell

RELATIVE CURVES

Discharge Characteriestics Curve in Different Rate@25℃



Charge & Discharge Characteriestics in different Rate@25℃



ANNOUNCEMENT

- Place batteries suspected of being damaged into the emergency battery isolation container and monitor temperature.
- Never charge the battery inside a Vehicle.
- Do not expose the battery to strong acids or alkalis.
- Avoid dropping batteries, dropping Lipos can cause the battery cell to crush causing an internal short which may lead to fire.
- 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.
- Avoid exposing the battery to high humidity for long periods of time.
- Do not inhale the smoke/fumes of a LiPo battery that is on fire. The smoke is toxic. Leave the area and call 911.
- Use only a charger designed for charging LiPo batteries. Never use any other type of charger.
- NEVER charge a Li-ion or LiPo battery overnight and unattended.
- Never allow the temperature of Batteries to exceed 120°F / 49°C during discharge. Adequate cooling for Batteries is required.
- It is essential to observe the polarity. Reverse polarity (POSITIVE and NEGATIVE) will damage the cells, cause the battery to swell and can damage your charger.