3.7V Lithium Polymer Battery Data Sheet

Model: 354050

Please Find More:

https://www.fpbattery.com/3-7v-650mah-lithium-polymer-battery/

File Number: A/FP4050-7412

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 354050
Nominal Voltage	3.7 V
Nominal Capacity	700 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

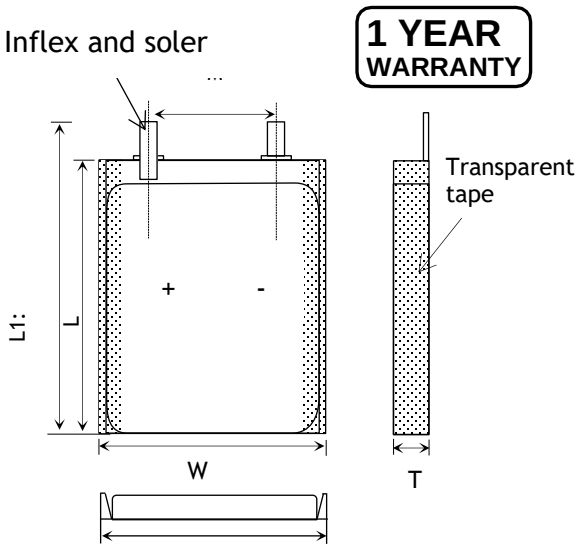
Dimensions	52x 40 x 3 mm(L*W*T)
Weight	11 g
Battery Terminals	WC/ FL *

CERTIFICATION

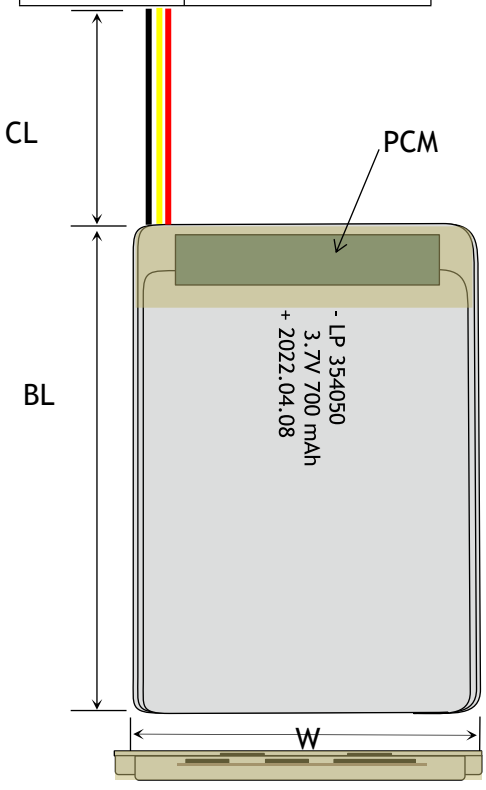
Certification Approval	PLEASE CONSULT SALES

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

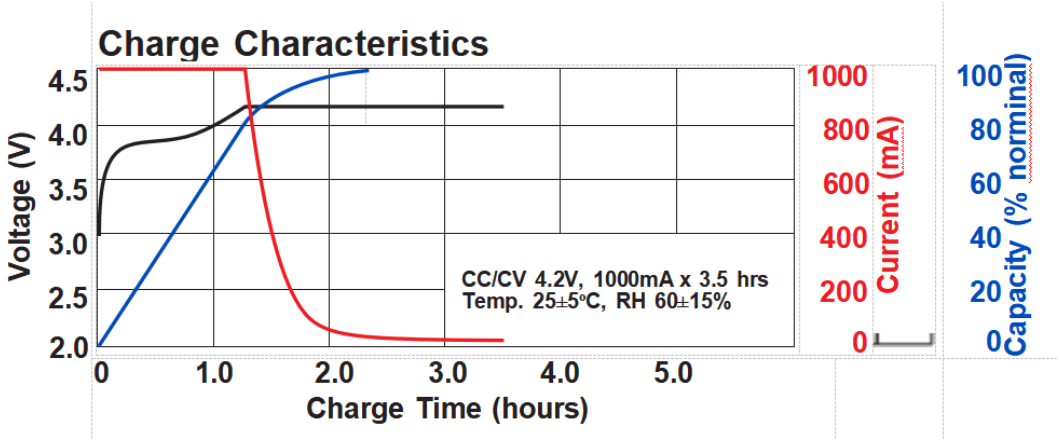
1 YEAR WARRANTY

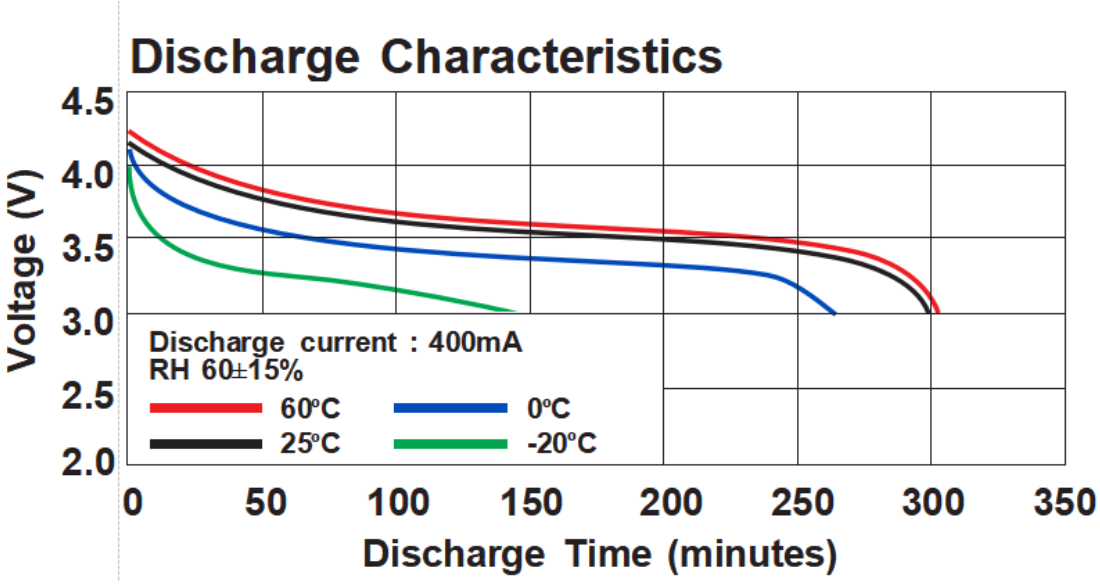


Item	Parameter (mm)
T	3
W	40
M	10
L	50
L_1	52
BL	52 ± 1
CL	100



RELATIVE CURVES





ANNOUNCEMENT

- ALWAYS evacuate the building to your unit's designated outside meeting location.
- Avoid placing the battery in a damp environment.
- Never leave a charging LiPo battery pack unattended. Never store batteries inside of an automobile.
- 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.
- Do not place LiPo batteries in a fire.
- Do not discharge a LiPo battery at a rate exceeding the maximum continuous discharge current specified for it. Otherwise, the battery will overheat and result in battery deterioration, bursting, ballooning, or possibly cause a fire or explosion.
- If you have dropped or damageda LiPo battery in anyway, do not attempt to charge it.
- Use the charger program to charge the LiPo batteries, never use any other program.
- The battery must be charged to an ambient temperature of 10°C~45°C.
- ALWAYS store batteries and devices at room temperature.
- Heat kills Lipos, the hotter a battery gets, the shorter the lifespan will be.