3.7V Lithium Polymer Battery Data Sheet

Model: 353465

Please Find More:

https://www.fpbattery.com/3-7v-750mah-lithium-polymer-battery/

File Number: A/FP3465-18226

File Version: 01

CONTACT

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

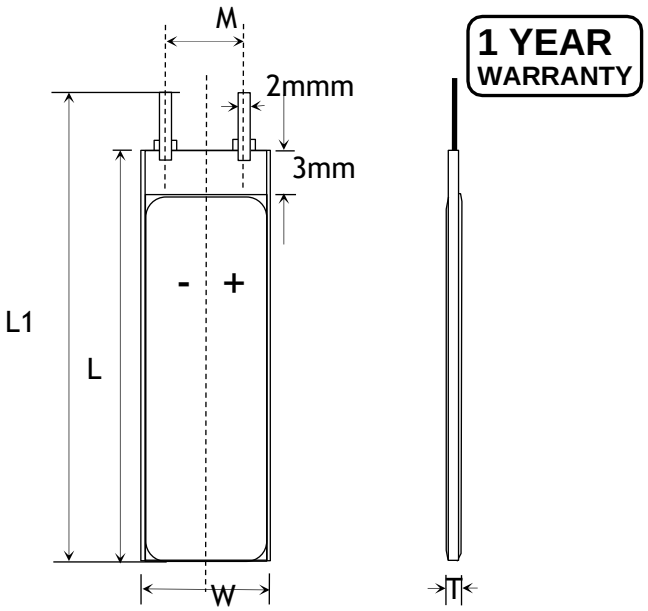
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 353465
Nominal Voltage	3.7 V
Nominal Capacity	775 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	3
W	34
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

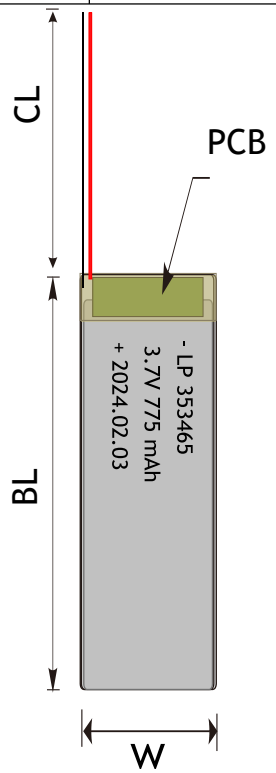
MECHANICAL SPECIFICATIONS

Dimensions	67x 34 x 3 mm(L*W*T)
Weight	Around 12 g
Battery Terminals	WC/ FL *

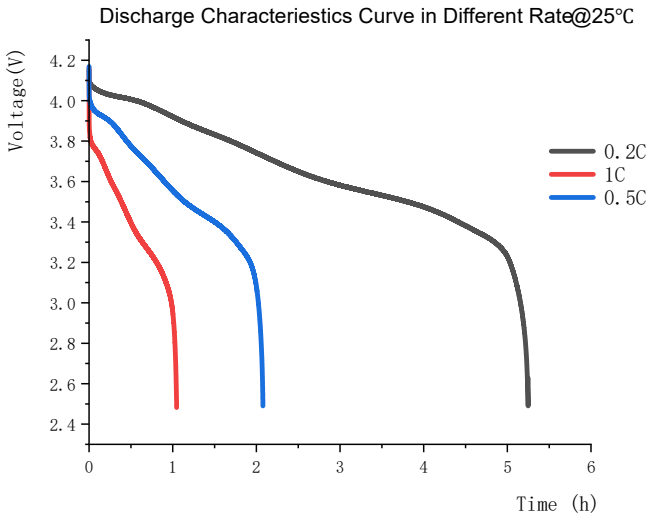
CERTIFICATION

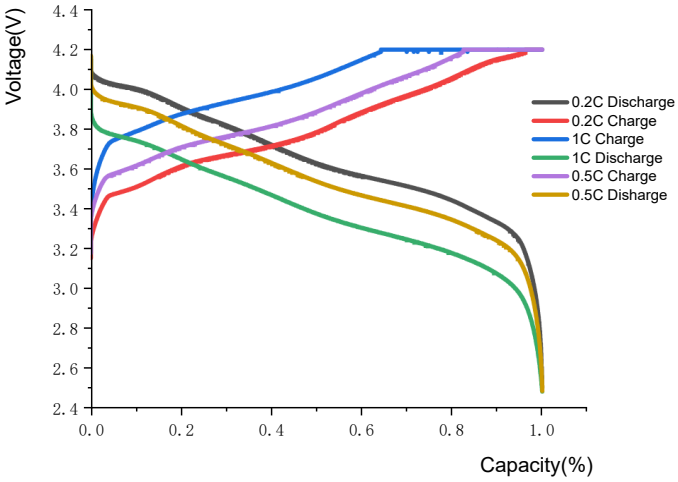
Certification Approval	PLEASE CONSULT SALES

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



RELATIVE CURVES





ANNOUNCEMENT

- Never discharge Batteries at amperage rates higher than specified on Batteries' labels
- Always disconnect and remove LiPo batteries from your model when not in use. Store LiPo batteries in an airtight and flame-resistant container when not in use.
- Discharging capacity can't exceed 80% of the max capacity after full charging to ensure a good cycle performance
- Store dust free and dry and protect from moisture
- Never charge a battery that shows signs of puffing.
- Emergency Response and Disposal
- Never keep sharp objects near Lipos. This may cause a hole in the pack and can lead to a fire.
- Always balance charge batteries using the charger's balance charging option. Otherwise, an unbalanced cell may become over charged. This will reduce the life of the battery, and possibly cause a fire which could result in personal injury and property damage.
- Avoid purchasing low quality batteries to avoid accidents.
- Do not store together with fire accelerating products
- ALWAYS immediately disconnect the charging cord from the wall outlet if batteries or equipment develop heat/smoke, unusual odors, or show evidence of bulging (changes in shape or geometry).