3.7V Lithium Polymer Battery Data Sheet

Model: 354368

Please Find More:

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

File Number: A/FP4368-13626

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/

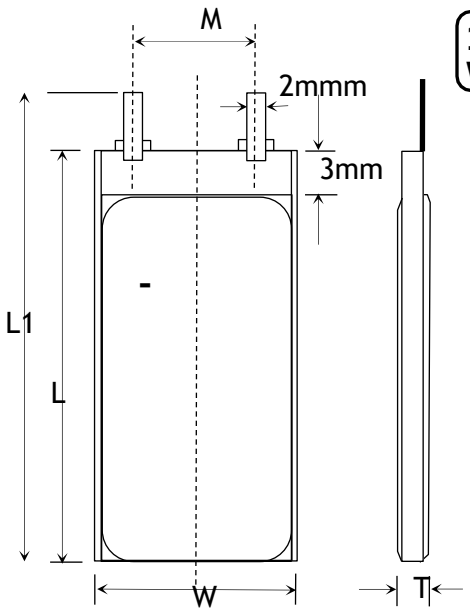
DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 354368
Nominal Voltage	3.7 V
Nominal Capacity	1025 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

1 YEAR WARRANTY



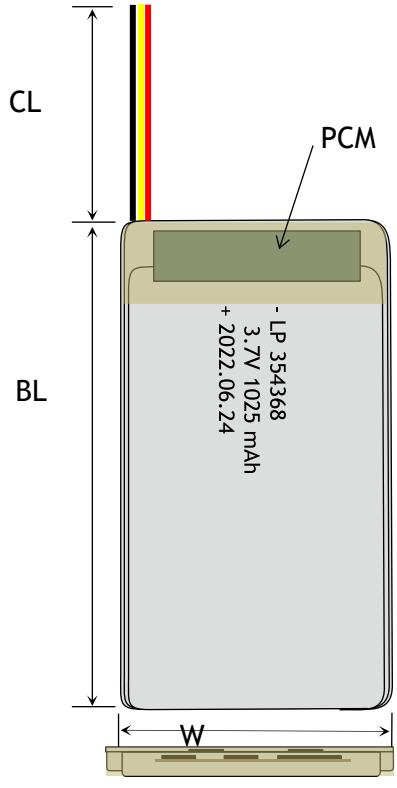
Item	Parameter (mm)
T	3
W	43
M	10
L	68
L_1	70
BL	70 ± 1
CL	100

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

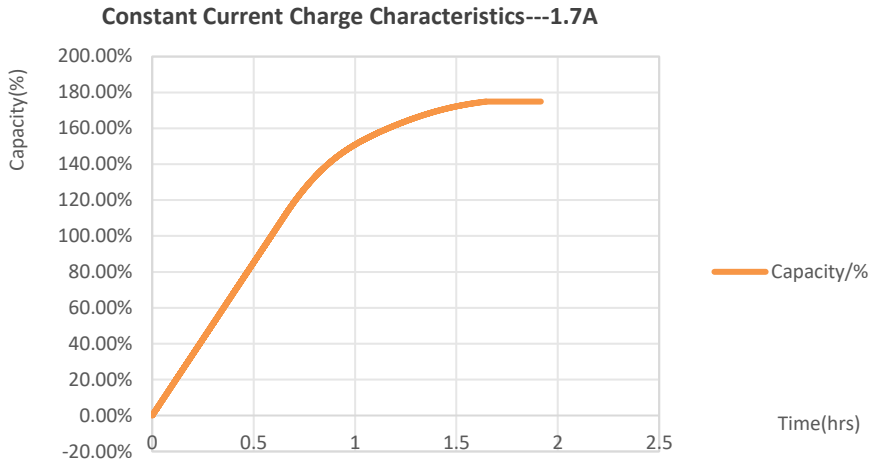
Dimensions	70x 43 x 3 mm(L*W*T)
Weight	Around 17 g
Battery Terminals	WC/ FL *

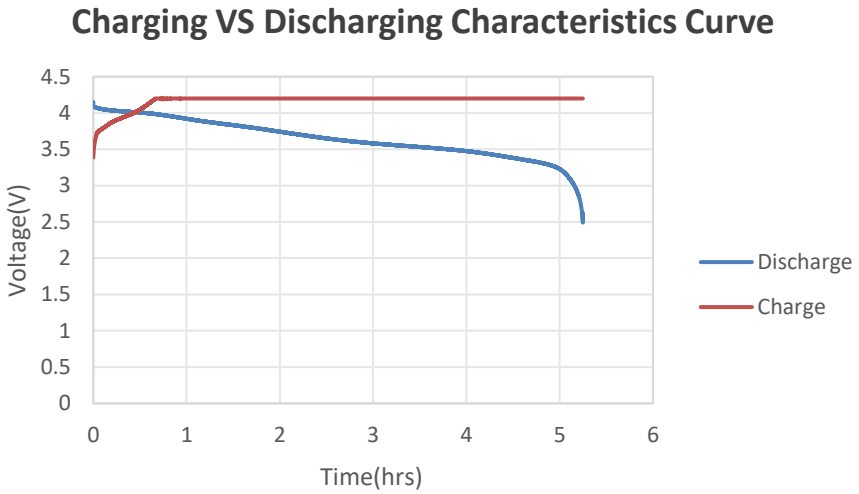
CERTIFICATION

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

- Let batteries cool down prior to charging.
- Avoid excessively hot and humid conditions, especially when batteries are fully charged. Do not place batteries in direct sunlight, on hot surfaces or in hot locations.
- The battery must be installed in the model on a flat surface.
- Do not place the battery in a microwave or other heating device.
- Avoid restarting the device frequently on the way to using the battery.
- NEVER use extension cords, power strips, or multi-plugs while charging Li-Ion and LiPo batteries or equipment. Plug the charging cord directly into a wall electrical outlet. Note: only charge one battery or device at a time per outlet.
- A 1s or 1 cell LiPo battery has a nominal voltage of 3.7V. When fully charged it has a maximum voltage of 4.2V. When fully discharged, it should never go below 3.0V without risking cell damage.
- The battery must be charged to an ambient temperature of 10°C~45°C.
- Never charge a LiPo battery near an exit. Keep exit egress clear in case of a fire or emergency.
- Avoid excessively hot and humid conditions, especially when batteries are fully charged. Do not place batteries in direct sunlight, on hot surfaces or in hot locations.
- When the battery is empty, recharge it immediately. Do not store an empty battery, the battery will continue to discharge, it will fall below the minimum voltage and become unusable.