# 3.7V Lithium Polymer Battery Data Sheet

Model:  303670

Please Find More:

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

File Number:  A/FP3670-18665

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 303670 |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 755 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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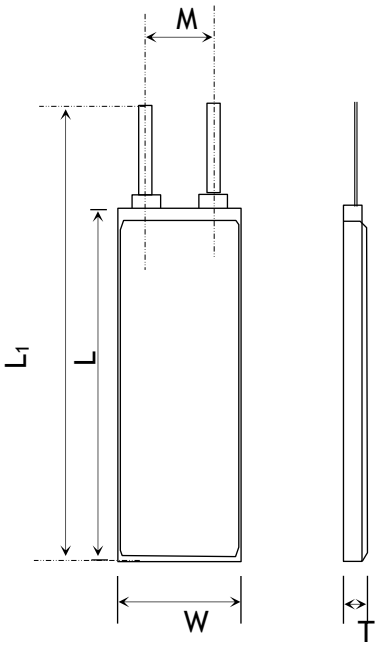
**1 YEAR WARRANTY**




| Item | Parameter (mm) |
|---|---|
| T | 3 |
| W | 36 |
| M | 10 |
| L | 70 |
| $L_1$ | 72 |
| BL | 72 ± 1 |
| CL | 100 |

## ENVIRONMENTAL SPECIFICATIONS

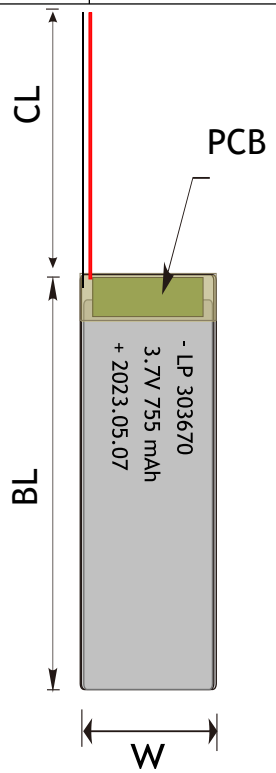
| | |
|---|---|
| Charging Temperature Range | 0 - 45°C |
| Discharging Temperature Range | -20 - 60°C |
| Storage Period 1 Week | -20 - 45°C |
| Storage Period 1 Month | -10 - 45°C |
| Storage Period 6 Months | 0 - 35°C |

## BATTERY PROTECTION

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

## MECHANICAL SPECIFICATIONS

| | |
|---|---|
| Dimensions | 72x 36 x 3 mm(L*W*T) |
| Weight | Around 12 g |
| Battery Terminals | WC/ FL * |

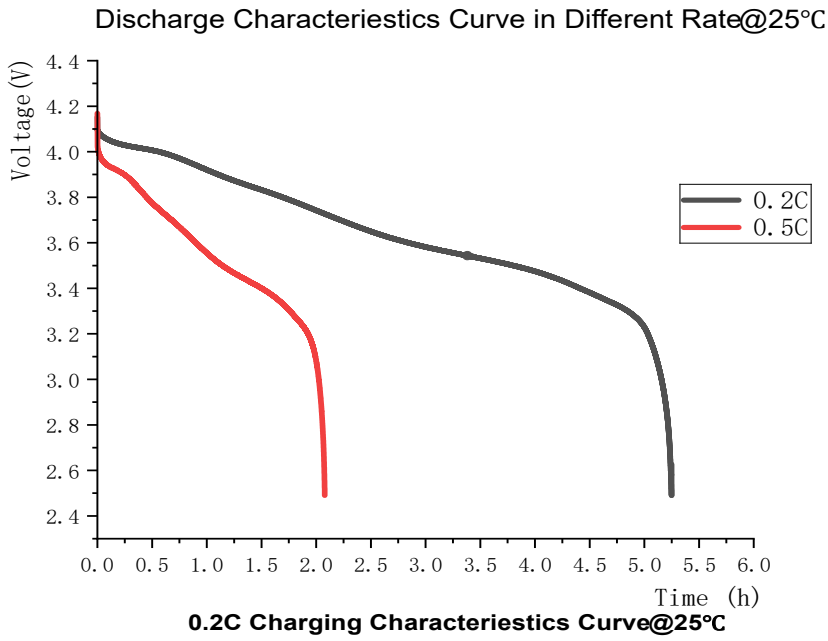


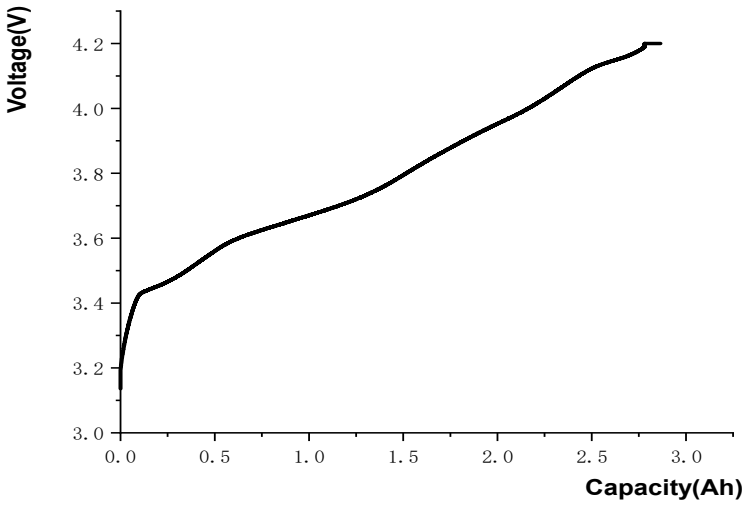

## CERTIFICATION

| | |
|---|---|
| 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

- Insure LiPo cell balancing cable is connected.
- Before starting work, inspect your battery for signs of damage prior to each use: bulging, hissing, leaking, or smoking. Do not use your battery if it displays any of these characteristics.
- 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.
- Do not 'peak charge' or 'top off' Lipo batteries always remove Lipo batteries from a charger once they are charged.
- Never charge batteries unattended.
- Always follow the manufacturer’s safety instructions
- Never immerse the battery in water or allow it to get wet.
- Ensure that all cells in a battery maintain the same voltage across all cells at all times.
- NEVER charge batteries at temperatures below 32°F (0°C) or above 105°F (40°C).
- Do not place the battery in a microwave or other heating device.
- Do not charge LiPo batteries in the model as you can not successfully monitor and move them quickly if necessary.