# 3.7V Lithium Polymer Battery Data Sheet

Model:  303567

Please Find More:

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

File Number:  A/FP3567-18291

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/

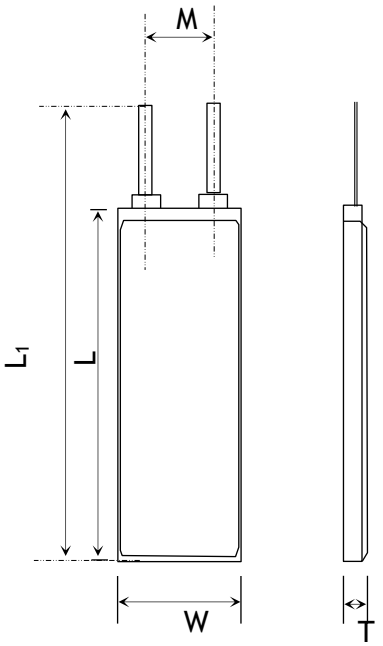
DNK POWER COMPANY LIMITED

## BATTERY SPECIFICATION

| | |
|---|---|
| Part Number | DNK 303567 |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 705 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 | 35 |
| M | 10 |
| L | 67 |
| $L_1$ | 69 |
| BL | 69 ± 1 |
| CL | 100 |

## ENVIRONMENTAL SPECIFICATIONS

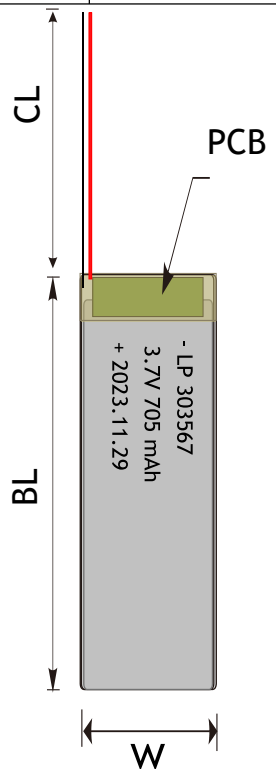
| | |
|---|---|
| Charging Temperature Range | 0 - 45°C |
| Discharging Temperature Range | -20 - 60°C |
| Storage Period 1 Week | -20 - 45°C |
| Storage Period 1 Month | -10 - 45°C |
| Storage Period 6 Months | 0 - 35°C |

## BATTERY PROTECTION

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

## MECHANICAL SPECIFICATIONS

| | |
|---|---|
| Dimensions | 69x 35 x 3 mm(L*W*T) |
| Weight | Around 11 g |
| Battery Terminals | WC/ FL * |



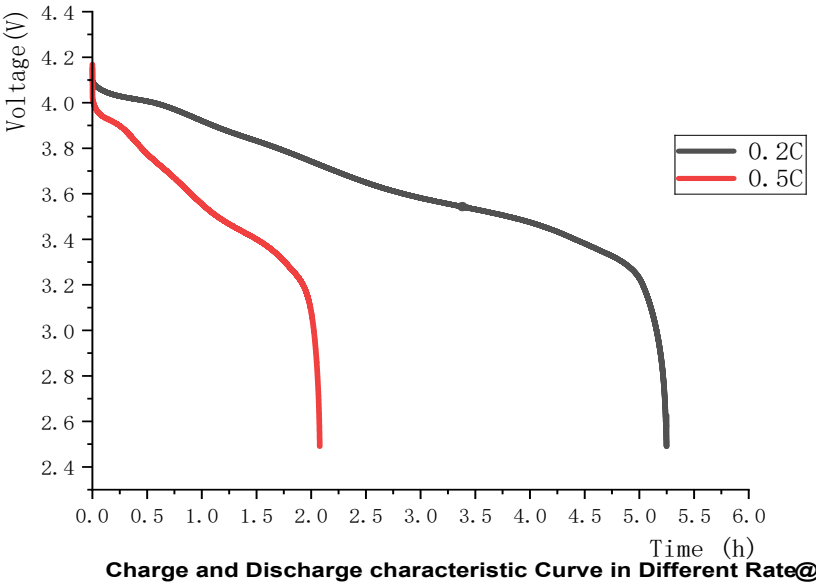

## CERTIFICATION

| | |
|---|---|
| Certification Approval | PLEASE CONSULT SALES |

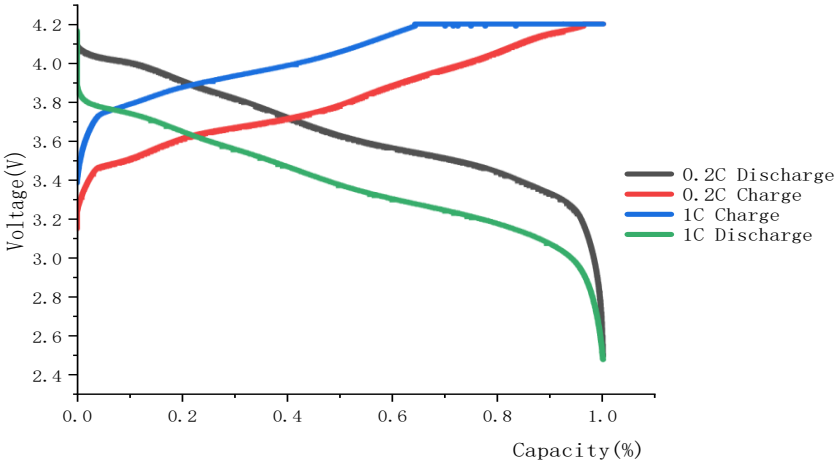
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC
BWP=Black Wrapped PVC BC= Bare Cell

# RELATIVE CURVES

Discharge Characteriestics Curve in Different Rate@25℃




**Charge and Discharge characteristic Curve in Different Rate@25℃**




# ANNOUNCEMENT

- Never let the positive and negative battery leads touch each other. It can lead to cell ballooning, cell damage, fire or an explosion.
- Do not charge any pack containing one or more damaged or swollen/puffed cell as there is a high risk of a fire. Dispose of them.
- Obtain infrared thermometer for remote battery temperature monitoring.
- Avoid using batteries that have exceeded their service life.
- Never charge a damaged or inflated battery.
- NEVER alter or disassemble a Lipo battery.
- Do not puncture the cells as this could cause a fire.
- Use a reliable power adapter to avoid unstable current output.
- Observe the polarities (Negative and Positive). Do not connect them wrongly.
- Do not crush or bend the battery.
- Do not open the battery system or modules unless you have a risk assessment, training and permission.