# 3.7V Lithium Polymer Battery Data Sheet

Model: 305568

Please Find More:

https://www.fpbattery.com/3-7v-1100mah-lithium-polymer-battery/

File Number: A/FP5568-7170

File Version: 01


CONTACT

CUSTOMER SERVICE
86.755.3682.7358
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Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

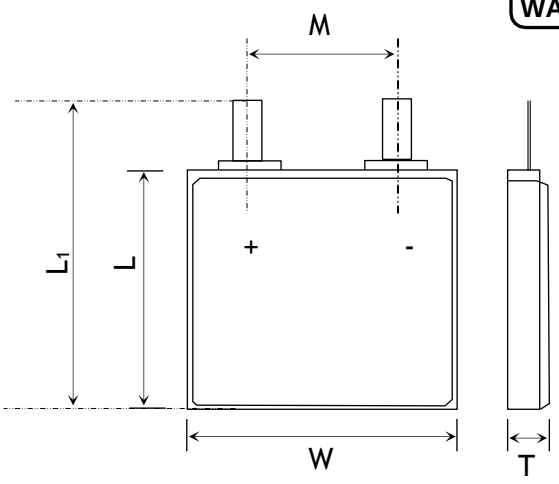
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

## BATTERY SPECIFICATION

| | |
|---|---|
| Part Number | DNK 305568 |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 1100 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 year warranty




| Item | Parameter (mm) |
|---|---|
| T | 3 |
| W | 55 |
| M | 10 |
| L | 68 |
| $L_1$ | 70 |
| BL | 70 ± 1 |
| CL | 100 |

## ENVIRONMENTAL SPECIFICATIONS

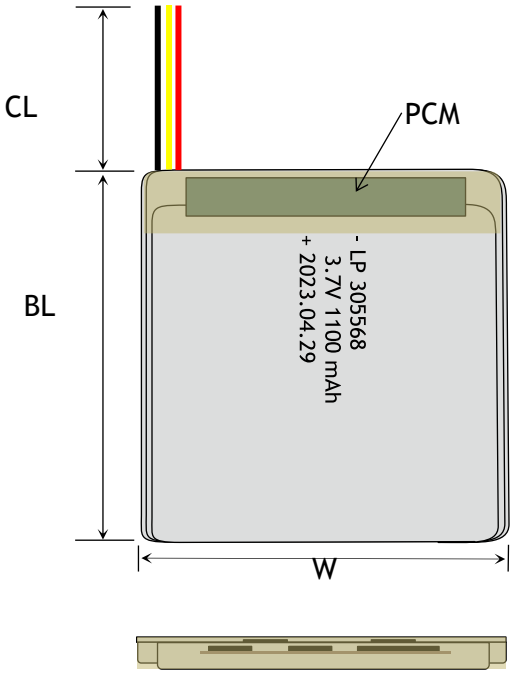
| | |
|---|---|
| Charging Temperature Range | 0 - 45°C |
| Discharging Temperature Range | -20 - 60°C |
| Storage Period 1 Week | -20 - 45°C |
| Storage Period 1 Month | -10 - 45°C |
| Storage Period 6 Months | 0 - 35°C |

## BATTERY PROTECTION

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

## MECHANICAL SPECIFICATIONS

| | |
|---|---|
| Dimensions | 70x 55 x 3 mm(L*W*T) |
| Weight | Around 18 g |
| Battery Terminals | WC/ FL * |

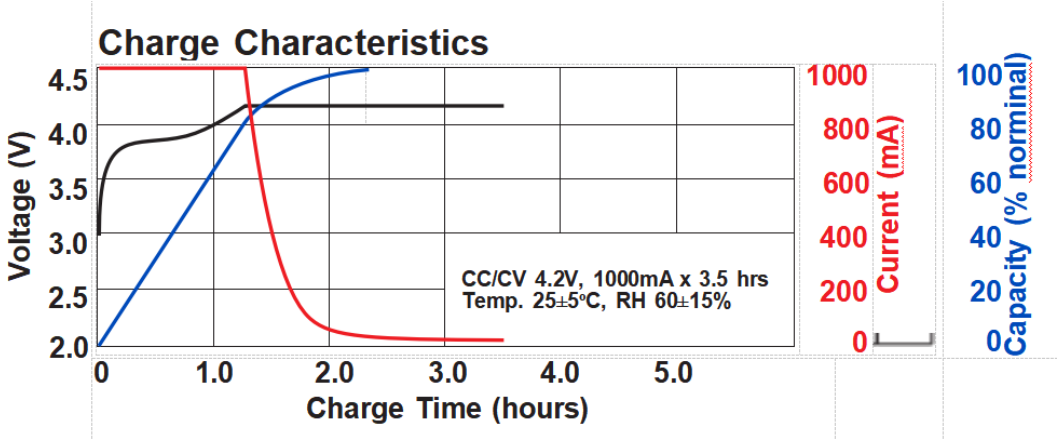


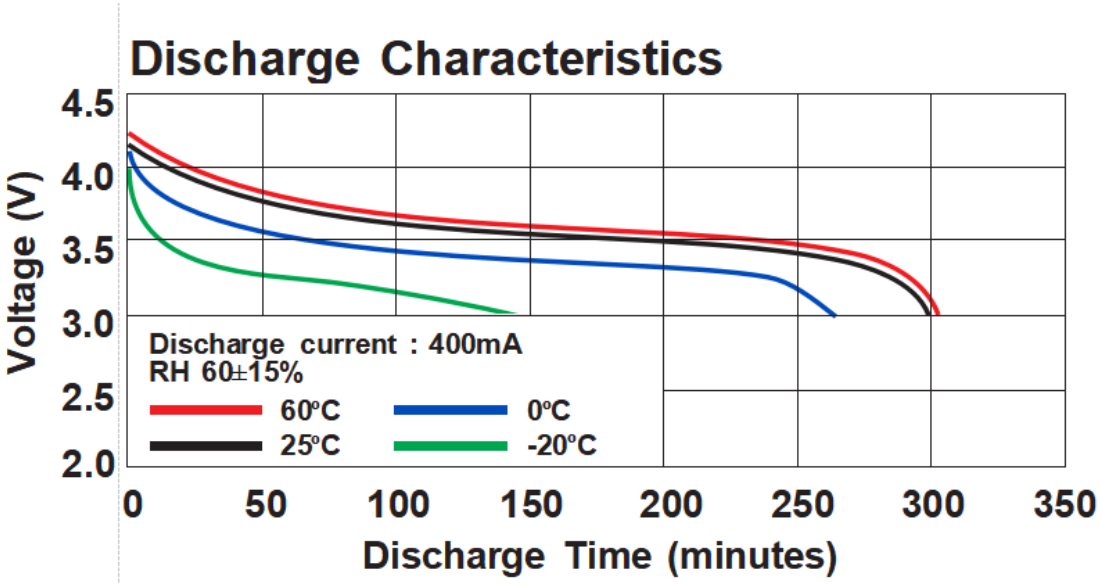

## CERTIFICATION

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

- Always use a balancer board to charge LiPo Battery with more than 1 cell.
- Do not store the battery in direct sunlight.
- ALWAYS use the "Balance Charge" setting on your charger. If your charger does not have this feature then don't use it and invest in one that does.
- Maintain the minimum quantity of batteries possible.
- Do not over-discharge (3.2V per cell)
- Never put LiPo batteries or battery packs in pockets, drawers or bags where they might make contact with something made of metal. This can cause a short circuit.
- 3.6V~3.9V range. Always store your LiPo pack in a safe and non flammable container away from flammable objects.
- Observe the polarities (Negative and Positive). Do not connect them wrongly.
- Never alter, puncture or impact Batteries or related components.
- Store it in a fire-proof container in a cool dry place.
- NEVER charge a device under a pillow, on a bed, on a carpet, on a couch, or other combustible material.