# 3.7V Lithium Polymer Battery Data Sheet

Model:  3060100

Please Find More:

https://www.fpbattery.com/3-7v-2000mah-lithium-polymer-battery/

File Number:  A/FP60100-15073

File Version: 01


CONTACT

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

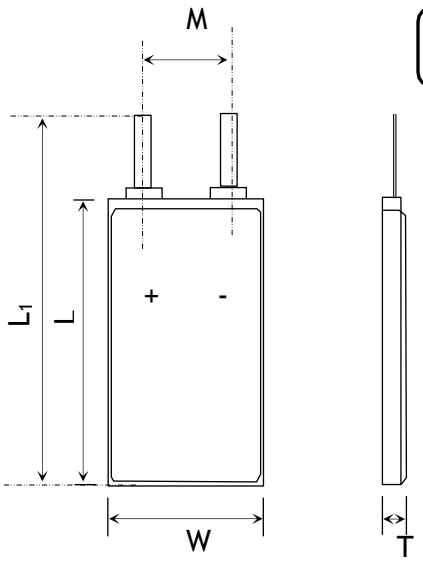
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

## BATTERY SPECIFICATION

| | |
|---|---|
| Part Number | DNK 3060100 |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 2000 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 | 60 |
| M | 10 |
| L | 100 |
| $L_1$ | 102 |
| BL | 102 ± 1 |
| CL | 100 |

## ENVIRONMENTAL SPECIFICATIONS

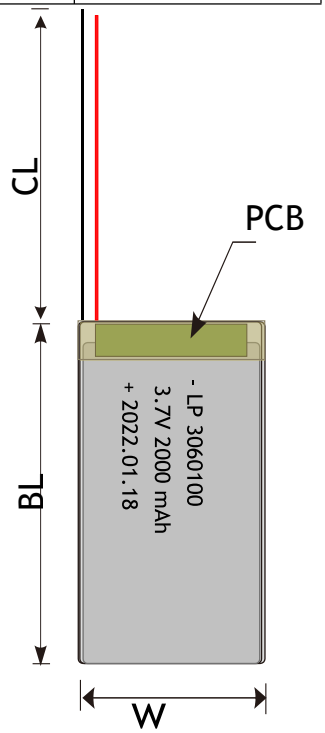
| | |
|---|---|
| Charging Temperature Range | 0 - 45°C |
| Discharging Temperature Range | -20 - 60°C |
| Storage Period 1 Week | -20 - 45°C |
| Storage Period 1 Month | -10 - 45°C |
| Storage Period 6 Months | 0 - 35°C |

## BATTERY PROTECTION

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

## MECHANICAL SPECIFICATIONS

| | |
|---|---|
| Dimensions | 102x 60 x 3 mm(L*W*T) |
| Weight | Around 33 g |
| Battery Terminals | WC/ FL * |



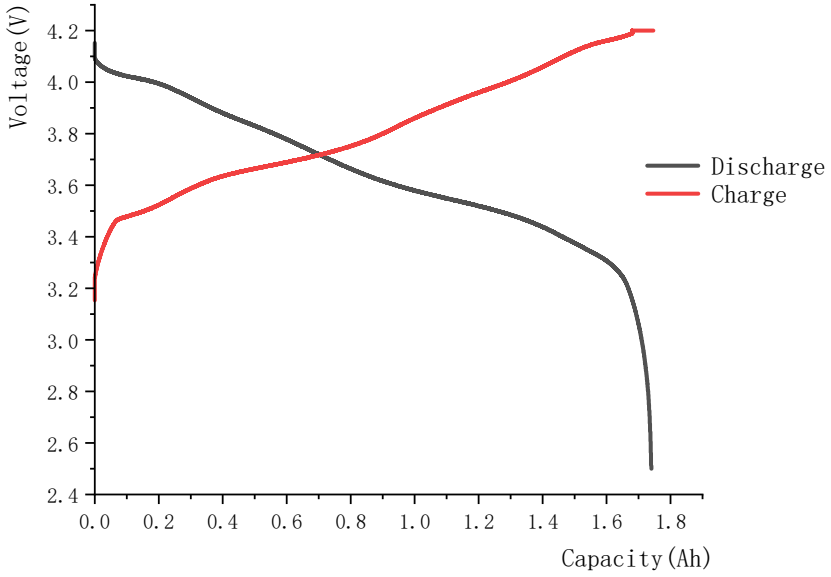

## CERTIFICATION

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

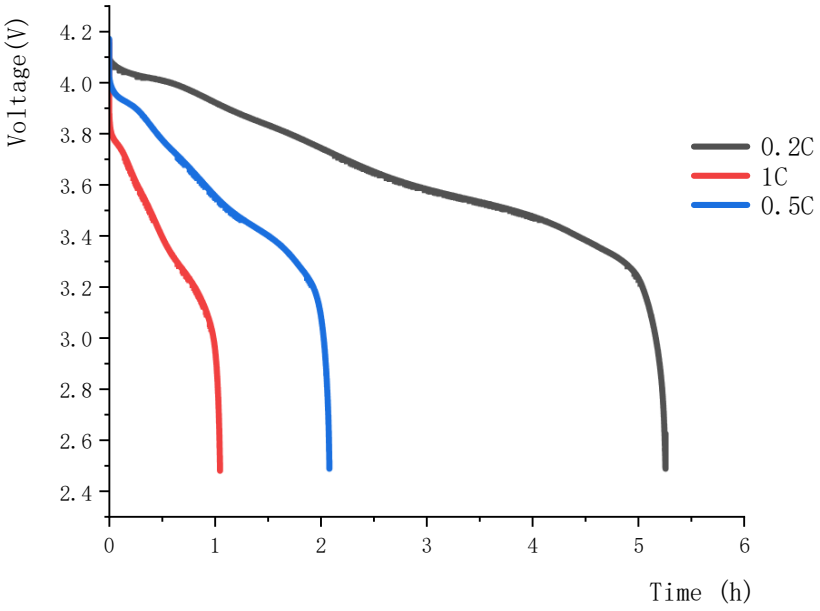
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

# RELATIVE CURVES

**Discharge VS Charge Characteristics Curve@0.2C 25℃**




Discharge Characteriestics Curve in Different Rate@25℃




# ANNOUNCEMENT

- Do not disassemble and damage the battery.
- Avoid purchasing low quality batteries to avoid accidents.
- Do not store LiPo batteries in extreme temperatures below 0C or above 50C.
- Always follow the manufacturer’s safety instructions
- Always inspect batteries for any signs of damage before use, check for physical damage such as cracks/bulges/indentations . Any battery that has been damaged, dented or pierced should be taken out of service immediately, segregated from other batteries and stored as set out below while awaiting safe disposal. Similarly, damaged goods containing batteries should also be segregated from other material and stored safely to await safe disposal.
- Always consult the manufacturerGspecific battery manual for proper instructions.
- Do not apply sticky substances to the positive and negative terminals of the battery.
- Do not use water to extinguish a buttery fire Use a Class ABC dry fire extinguisher.
- Batteries should not be carried in pockets as coins, keys and similar metal items can cause shorting leading to overheating, burns or ignition.
- Avoid using batteries that have exceeded their service life.