# 3.7V Lithium Polymer Battery Data Sheet

Model: 306279

Please Find More:

https://www.fpbattery.com/1500mah-lithium-polymer-battery/

File Number: A/FP6279-7992

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 306279 |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 1500 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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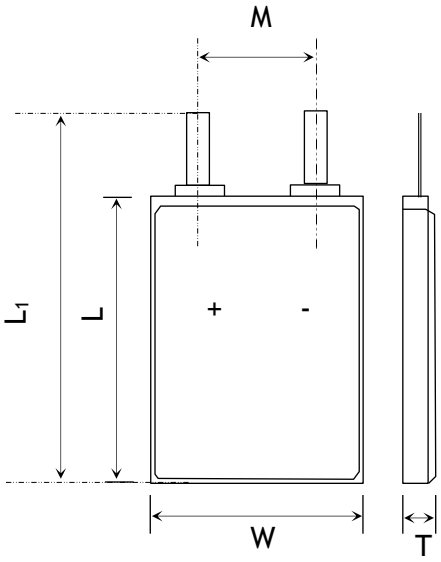
**1 YEAR WARRANTY**




| Item | Parameter (mm) |
|---|---|
| T | 3 |
| W | 62 |
| M | 10 |
| L | 79 |
| $L_1$ | 81 |
| BL | 81 ± 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 |

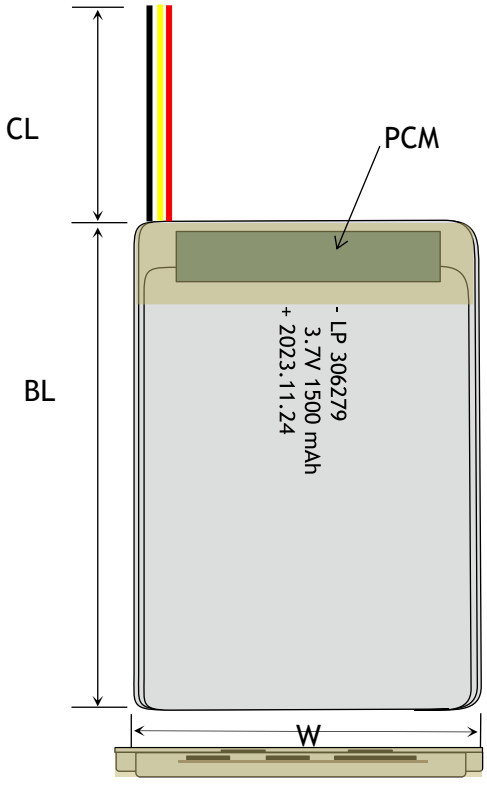
## MECHANICAL SPECIFICATIONS

| | |
|---|---|
| Dimensions | 81x 62 x 3 mm(L*W*T) |
| Weight | Around 25 g |
| Battery Terminals | WC/ FL * |

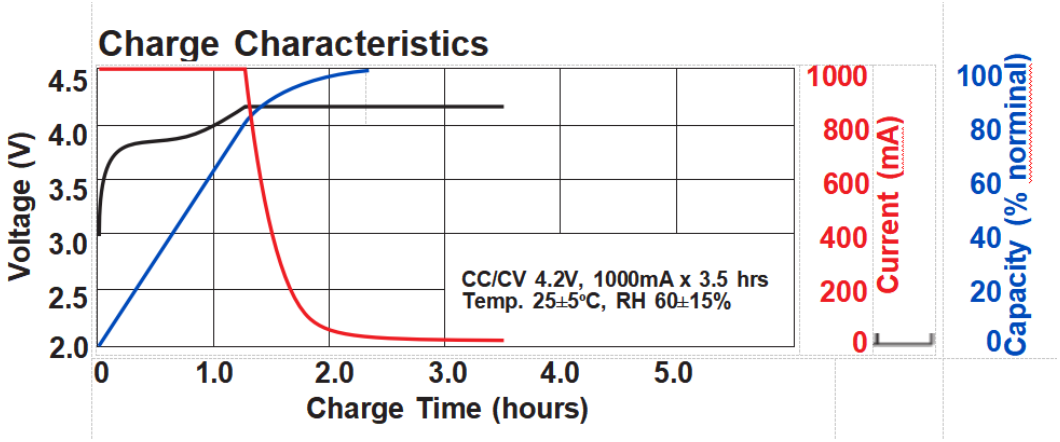
## CERTIFICATION

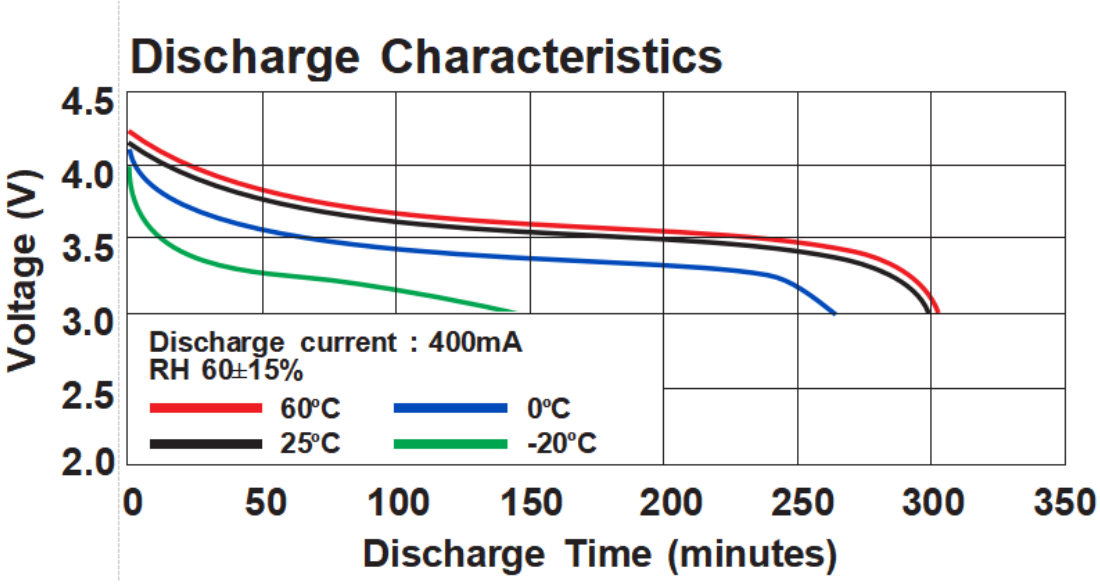
| | |
|---|---|
| Certification Approval | PLEASE CONSULT SALES |

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



# RELATIVE CURVES




# ANNOUNCEMENT

- Do not 'peak charge' or 'top off' Lipo batteries always remove Lipo batteries from a charger once they are charged.
- Avoid storing unused batteries for long periods of time, and perform regular battery maintenance and charging.
- Double check that the setting for the lithium polymer charger is correct for the pack being charged – this includes the cell count as well as the current settings.
- Regularly check the battery case for leaks or damage.
- Do not mix batteries of different models or capacities.
- Do not mix different types of batteries or mix new and old ones together (e.g. in a power pack).
- Avoid tightening the voltage adjustment knob on the way to use the battery.
- Read and understand the battery's instruction manual carefully before use.
- Avoid frequent charging and discharging on the way to using the battery.
- Place batteries suspected of being damaged into the emergency battery isolation container and monitor temperature.
- Avoid physical damage and short circuiting.