## BATTERY SPECIFICATION

| | |
|---|---|
| Part Number | DNK 503645 |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 750 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) |

## 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

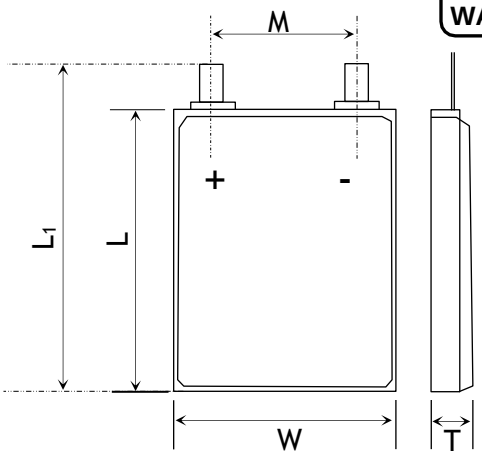
| | |
|---|---|
| Dimensions | 46x 36 x 5 mm(L1*W*T) |
| Weight | Around 12 g |
| Battery Terminals | WC/ FL * |

## CERTIFICATION

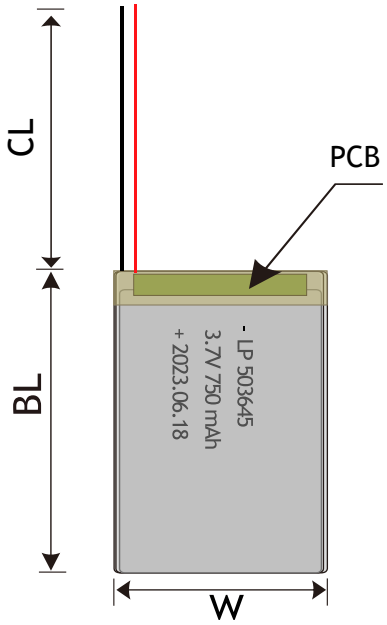
| | |
|---|---|
| Certification Approval | GGG PLEASE CONSULT SALES |

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

**1 YEAR WARRANTY**




| Item | Parameter (mm) |
|---|---|
| T | 5 |
| W | 36 |
| M | 10 |
| L | 44 |
| $L_1$ | 46 |
| BL | 46 ± 1 |
| CL | 100 |




Specifications are subject to change without notice.

**CONTACT**

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

**LEARN MORE ON:**
www.fpbattery.com

**LP POWER COMPANY LIMITED**

## BULK PRODUCTION ACTUAL PICTURES



BARE CELL (BC)




FLYING LEADS (FL)




WITH CONNECTOR (WC)



BLUE WRAPPED PVC (UWP)



BLACK WRAPPED PVC (BWP)

## 3.7V LIPO BATTERY OPTIONS



Special Ingredients to make batteries work from -40 -85 ° C



Discharging Current up to 100C



Popular JST,Molex,Hirose,Anderson available



LED Power Indicator



Power Button



Upgrade to LifePo4 tech and life circle up to 1500