## BATTERY SPECIFICATION

| | |
|---|---|
| Part Number | LP 854953 |
| Nominal Voltage | 3.7 V |
| Nominal Capacity | 2850 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

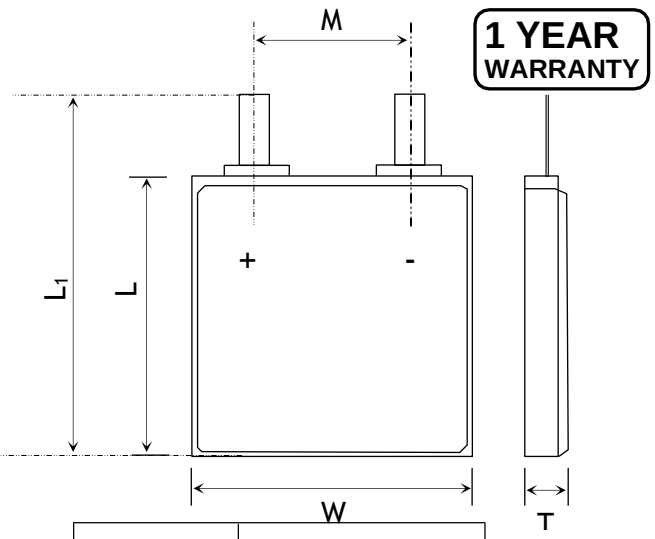
| | |
|---|---|
| Dimensions | 55x 49 x 8 mm(L1*W*T) |
| Weight | 47 g |
| Battery Terminals | WC/ FL * |

## CERTIFICATION

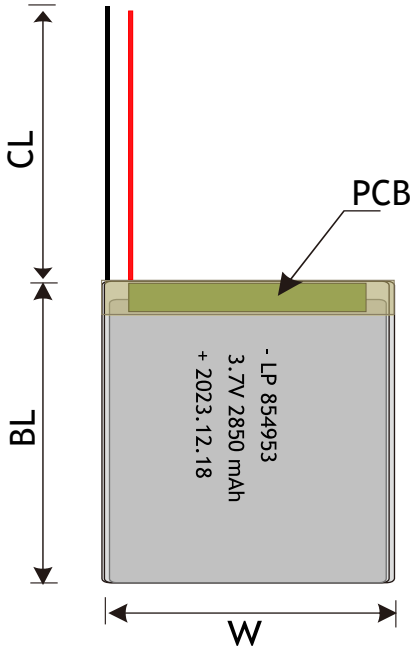
| | |
|---|---|
| Certification Approval | PLEASE CONSULT SALES |

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

**1 YEAR WARRANTY**




| Item | Parameter (mm) |
|---|---|
| T | 8 |
| W | 49 |
| M | 10 |
| L | 53 |
| $L_1$ | 55 |
| BL | 55 ± 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