# LP POWER COMPANY LIMITED

PRODUCTION SPECIFICATION

FP Battery is a custom Rechargeable 3.7v lipolymer lithium ion battery manufacturer based in China,We have In stock small and compact 3.7V lithium battery pack, capacity from 500mah, 800mah, 1000mah, 15000mah, 380mah and etc., with PVC or Plastic casing, they are widely used for Consumer Electronics, Other, Toys.

We use the latest lithium battery technologies to make the 3.7v rechargeable Lipo battery just ensure that you can get the highest quality and less or even no customer returns, we work with you to do the label, shrink wrap, custom terminates or encloses in plastic.

1 YEAR WARRANTY

## LIPO BATTERY SPECIFICATION

| | |
|---|---|
| Part Number | LP 905066 |
| Nominal Voltage | 3.7V |
| Nominal Capacity | 2300 mAh |
| Internal Impedance | ＜60mΩ |
| Charge Voltage | 4.2V |
| Recommended Charge Current | 0.2C |
| Allowed Max Charge Current | 0.5C |
| Output Voltage Range | 4.2 - 2.5V |
| Recommended Discharge Current | 0.2C |
| Max Continuous Discharge Current | 1C |
| Pulse Discharge Current | 3C(10mS) |
| Discharge Cut-off Voltage | 2.5±0.05V |
| Cycle Life to 80% Health | 500(0.2C, 25℃) |

## ENVIRONMENTAL SPECIFICATION

| | |
|---|---|
| Charging Temp. Range | 0 – 45° C |
| Discharging Temp. 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 SPECIFICATION

| | |
|---|---|
| Dimensions | 68 x 50 x 9 mm(L1*W*T) |
| Weight | 38 g |
| Battery Terminals | WC/FL* |

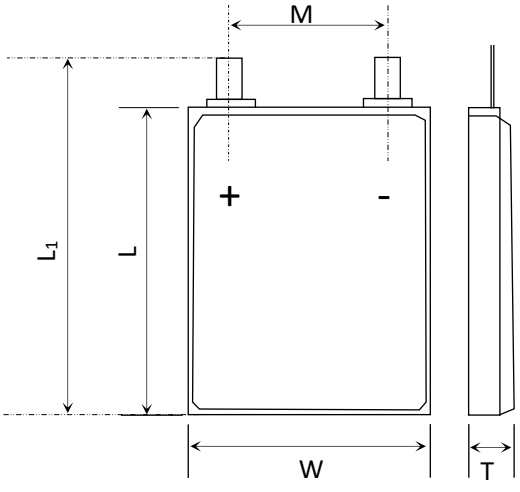
*WC=With Connector FL=Flying Leads

## CERTIFICATION

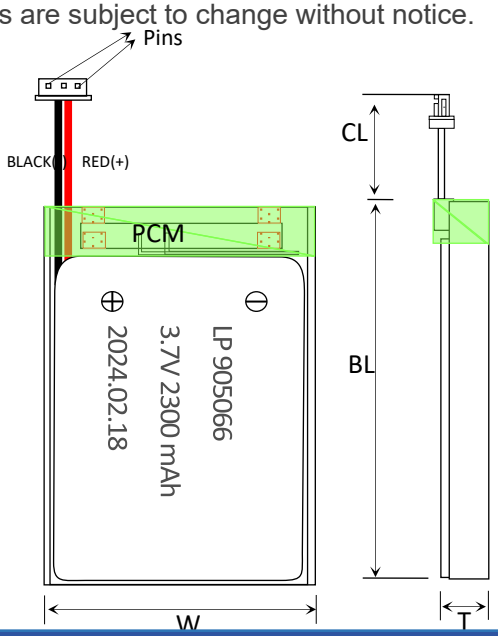
| | |
|---|---|
| Certificate Approval | UN38.3/ UL/ CE/ customize |

*Specifications are subject to change without notice.

## OUTER DIMENDIONS (mm)




| Item | Parameter (mm) |
|---|---|
| T | 9 |
| W | 50 |
| M | 10 |
| L | 66 |
| L1 | 68 |
| BL | 68 ± 1 |
| CL | 100 |

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LEARN MORE ON:
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