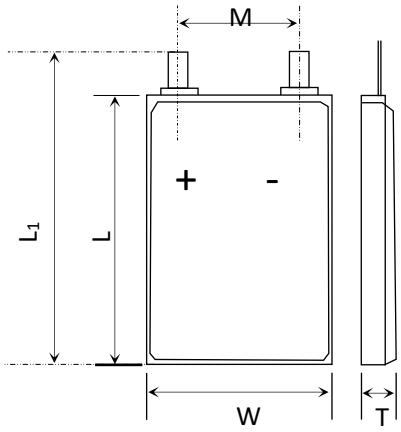
# Data sheet

# LITHIUM POLYMER BATTERY

1 YEAR WARRANTY

## FEATURES OF LIPO BATTERY

- Low Self Discharge Rate
- Long Cycle Life
- Light Weight
- More Safety
- More Reliable




## LIPO BATTERY SPECIFICATION

| | |
|---|---|
| Part Number | LP 602025 |
| Nominal Voltage | 3.7V |
| Nominal Capacity | 180 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 |
| Recommend Discharge Current | 0.2C |
| Max Continuous Discharge Current | 1C |
| Pulse Discharge Current | 3C |
| Discharge Cut-off Voltage | 2.5±0.05V |
| Cycle Life to 80% Health | 500(0.2C,25℃) |

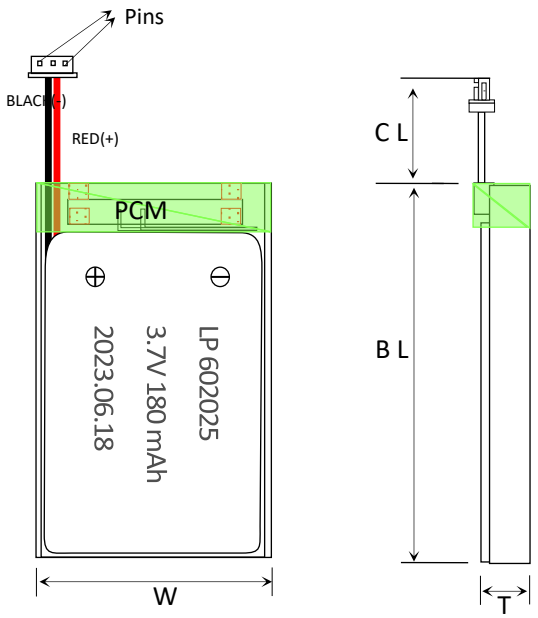
| Item | Parameter (mm) |
|---|---|
| T | 6.0 |
| W | 20 |
| M | 8 |
| L | 25 |
| $L_1$ | 27 |
| BL | 27±1 |
| CL | 100 |

## ENVIRONMENTAL SPECIFICATION

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

## BATTERY PROTECTION

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




## MECHANICAL SPECIFICATION

| | |
|---|---|
| Dimension | 27×20×6.0 mm |
| Weight | ≤5 g |
| Battery Terminals | WC/FL* |

## CERTIFICATION

| | |
|---|---|
| Certification Approval | CE/UL/UN38.3/CUSTOMIZED |

*WC=With Connector FL=Flying Leads