

LP 503759 Lithium Polymer Battery

Brief Datasheet

1 BASIC SPECIFICATION

| | | | |
|----|---------------------------|--|--------------------------|
| 1 | Battery Type | LP 503759 | |
| 2 | Nominal Capacity | Typical | 1350mAh (0.2C discharge) |
| | | Minimum | 1300mAh (0.2C discharge) |
| 3 | Nominal Voltage | 3.7V(0.2C discharge) | |
| 4 | Charging Voltage | 4.2V±0.05V | |
| 5 | Standard Charge | Method: CC/CV (constant current/constant voltage) Current:650mA (0.5C) Voltage:4.2V EndCurrent:26mA (0.02C) | |
| 6 | Maximum Charge Current | 1300mA (1C) | |
| 7 | Standard Discharge | Method: CC (constant current) Current:260mA (0.2C) End Voltage:2.75V | |
| 8 | Maximum Discharge Current | 2600mA (2C) | |
| 9 | Weight | Approx.24± 2.0g | |
| 10 | Operating temperature | Charge: 0°C to 45°C Discharge: -20°C to 60°C | |
| 11 | Storage Temperature | -20°C to 45°C | |
| 12 | Cycle life | 500cycles (at 0.5C charge and discharge, 23°C) | |

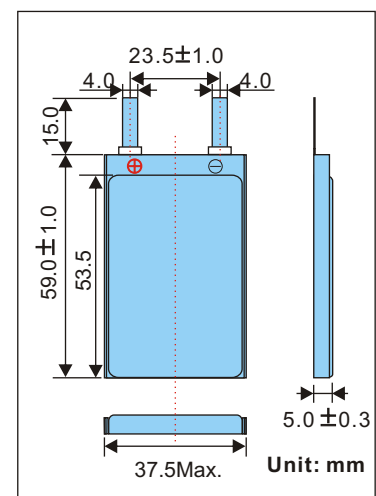
Note: 1C = 1 Capacity

2 MAIN FEATURES

- ▶ Thin format, light weight, large area, and flexibility in design.
- ▶ Easily customized, Energy density, High capacity.

3 WARNING

- ▶ Do not overcharge, force charge, short circuit, disassemble, deform, heat or place the battery near a direct flame. Any of the above actions could cause it to ignite, explode or become damaged.
- ▶ Keep this battery out of the reach of children.
- ▶ When storing the battery or throwing it away, be sure to cover with tape.



Li-Polymer

Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.