

# LP503759

Lithium Polymer Battery

## Brief Datasheet

### 1 BASIC SPECIFICATION

1	Battery Type		LP503759
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 $\pm$ 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 $\pm$ 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)

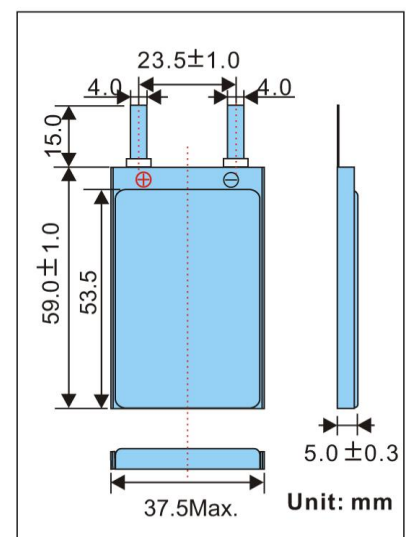
Note: 1C = 1 x Capacity mA

### 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.