

LP 402030

Lithium Polymer Battery

Brief Datasheet

1 BASIC SPECIFICATION

1	Battery Type		LP 402030
2	Nominal Capacity	Typical	190mAh (0.2C discharge)
		Minimum	180mAh (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:90mA (0.5C) Voltage:4.2V EndCurrent:3.6mA (0.02C)
6	Maximum Charge Current		180mA (1C)
7	Standard Discharge		Method: CC (constant current) Current: 36mA (0.2C) End Voltage:2.75V
8	Maximum Discharge Current		360mA (2C)
9	Weight		Approx.4.5 \pm 0.5g
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)

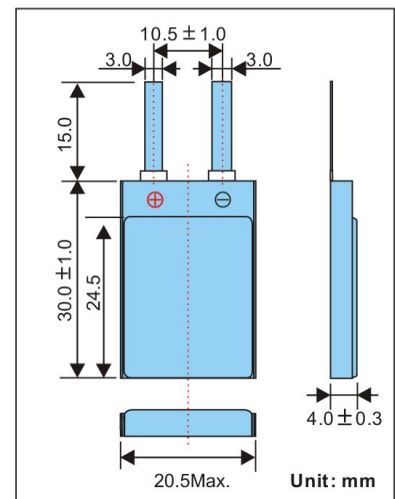
Note: 1C = 1 Capacity

2 MAIN FEATURES

- Thin format, light weigh, 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.