

LP402248 *Brief Datasheet*

Lithium Polymer Ion Battery

1 BASIC SPECIFICATION

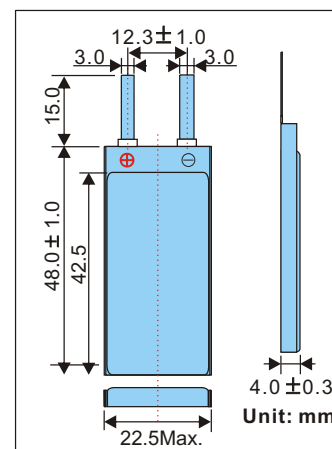
1	Battery Type	LP 402248	
2	Nominal Capacity	Typical	380mAh (0.2C discharge)
		Minimum	360mAh (0.2C discharge)
3	Nominal Voltage	3.7V(0.2C discharge)	
4	Charging Voltage	4.2V ± 0.05V	
5	Standard Charge	Method: CC/CV (constant current/constant voltage) Current: 180mA (0.5C) Voltage: 4.2V End Current: 7.2mA(0.02C)	
6	Maximum Charge Current	360mA (1C)	
7	Standard Discharge	Method: CC (constant current) Current: 72mA (0.2C) End Voltage: 2.75V	
8	Maximum Discharge Current	540mA (1.5C)	
9	Weight	Approx. 8.0 ± 1.0g	
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)	

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.



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.