

Lithium ion Polymer Battery LP052030 Brief Datasheet

1, BASIC SPECIFICATION:

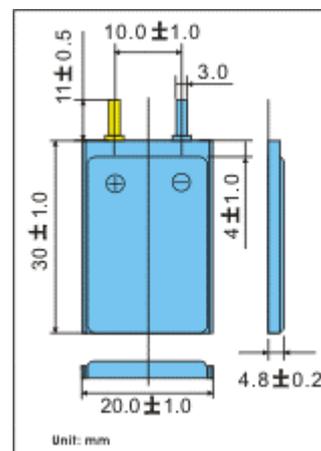
1	Battery Type	LP052030
2	Nominal Capacity	230mAh (0.2C discharge)
	Minimum Capacity	220mAh (0.2C discharge)
3	Charging Voltage	4.2V
4	Nominal Voltage	3.7V (0.2C discharge)
5	Standard Charge	Method: CC/CV (constant current / constant voltage) Current: 110mA (0.5C) Voltage: 4.2V End Current:: 11mA
6	Maximum Charge Current	220mA (1C)
7	Standard Discharge	Method: CC (constant current) Current: 110mA (0.5C) End Voltage: 3.0V
8	Maximum Discharge Current	440mA (2C)
9	Weight	Approx. 5.3g
10	Operating Temperature	Charge: 0 °C ~ 45°C Discharge: -20 °C ~ 60°C
11	Storage Temperature	1 month: -20°C ~ 45°C 6 months: -20°C ~ 45°C
12	Cycle Life	≥400 cycles (at 1C 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 discharge, 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 it 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.