

Lithium Polymer (Li-Po) Battery Data-sheet

Features of Battery

- No Fire / Explosion
- Massive Range of Li-Po Battery Current
- Massive Range of Battery Applications
- Excellent Charge & Discharge Characteristics

Environmental and Safety

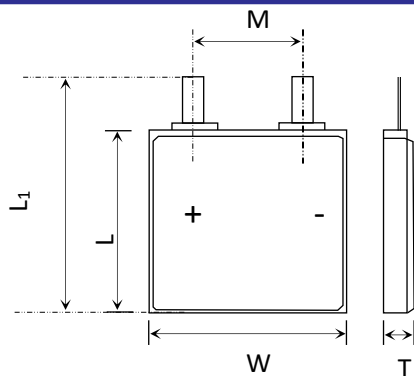
Avoid excessive shock and vibration of lithium batteries.

Do not disassemble or distort polymer lithium batteries.

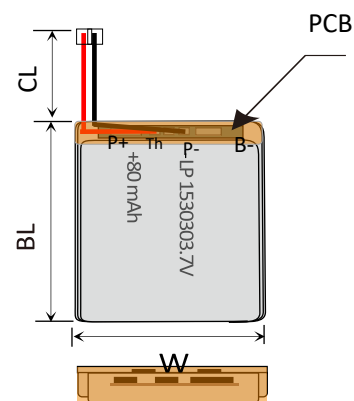
Batteries cannot be immersed in water.

Do not mix polymer lithium batteries with other types and models of batteries.

Li-Polymer Battery Dimension



Item	Parameter (mm)
T	1
W	30
M	6/8
L	30
L ₁	32
BL	32 ± 1
CL	100



Specification

Electrical Data

Part Number	LP153030
Nominal Voltage	3.7V
Nominal Capacity	80 mAh
Internal Impedance	< 60mΩ
Charge Voltage	4.2V
Recommended Charge Current	0.2C
Allowed Max Charge Current	0.5C
Output Voltage Range	4.2 - 2.5V
Recommend Discharge Current	0.2C
Max Continuous Discharge Current	1C
Pulse Discharge Current	3C(10mS)
Discharge Cut-off Voltage	2.5 ± 0.05V
Cycle Life to 80% Health	500(0.2C, 25°C)

Environmental Data

Charging Temperature Range	0 - 45°C
Discharging Temperature Range	-20 - 60°C
Storage Period 1 Week	-20 - 45°C
Storage Period 1 Month	-10 - 45°C
Storage Period 6 Months	0 - 35°C

Battery Protection

Over Charge	4.275 ± 50mV
Over Discharge	2.5 ± 50mV
Over Current	3A - 5A
Short Circuit	Yes

Mechanical Data

Dimension	32×30×1 mm
Weight	≤2 g
Battery Terminals	WC/FL*

*WC=With Connector FL=Flying Leads

Specifications are subject to change without notice.