

Lithium Polymer (Li-Po) Battery Data-sheet

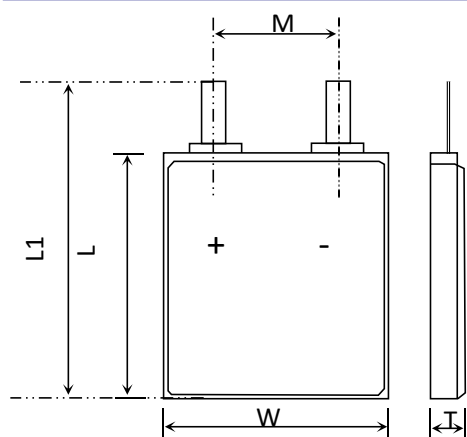
Features of Li-Po Battery

- Best 3.7V Li-Po Battery
- Long Cycle Life
- Light Weight
- More Safety

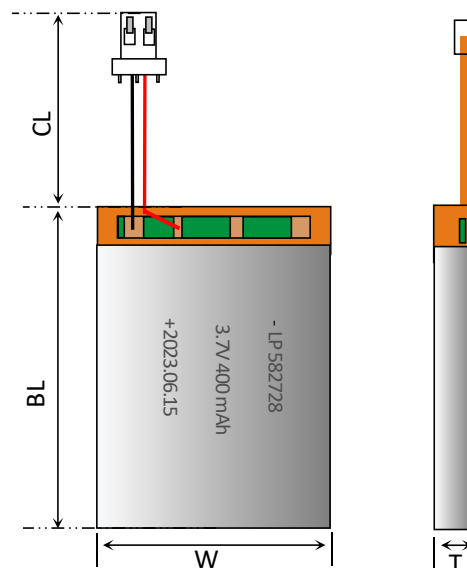
Environmental and Safety

Please follow Li-Po Handling and Safety Precautions. This battery meets the requirements of Battery Directives, and the battery parts are IEC62133 and ROHS - Compliant. For more safety precautions and performance standards, please go to <https://www.fpbattery.com>

Li-Polymer Battery Dimension



Item	Parameter (mm)
T	5.8
W	27
M	10
L	28
L ₁	30
BL	30 ± 1
CL	100



Specification

Electrical Data

Part Number	LP582728
Nominal Voltage	3.7V
Nominal Capacity	400 mAh
Internal Impedance	< 60mΩ
Charge Voltage	4.2V
Recommended Charge Current	80mA/0.2C
Allowed Max Charge Current	200mA/0.5C
Output Voltage Range	4.2 - 2.5V
Recommend Discharge Current	80mA/0.2C
Max Continuous Discharge Current	400mA/1C
Pulse Discharge Current	1200mA/3C
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	30×27×5.8 mm
Weight	≤10 g
Battery Terminals	WC/FL*

*WC=With Connector FL=Flying Leads

Specifications are subject to change without notice