

# 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

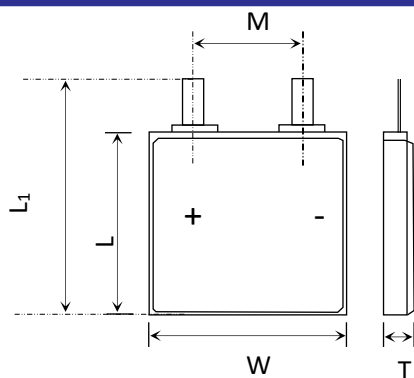
Avoid excessive shock and vibration of lithium batteries.

Do not disassemble or distort polymer lithium batteries.

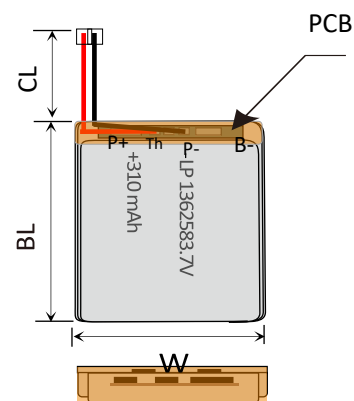
Batteries cannot be immersed in water.

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

## Li-Polymer Battery Dimension



Item	Parameter (mm)
T	1
W	62
M	6/8
L	58
L <sub>1</sub>	60
BL	60 ± 1
CL	100



## Specification

Electrical Data	Part Number	LP136258
	Nominal Voltage	3.7V
	Nominal Capacity	310 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	60×62×1 mm
	Weight	≤10 g
	Battery Terminals	WC/FL*

\*WC=With Connector FL=Flying Leads

Specifications are subject to change without notice.