

Wholesale 104050 Li Polymer Battery 3.7V 2500mah For Shoe Dryer

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: TINKO/OEM
- Certification: CE/ROHS/MSDS/UN38.3
- Model Number: 104050
- Minimum Order Quantity: 1000PCS
- Packaging Details: parer carton



Product Specification

- Normal Capacity: 2500mAh
- Nominal Voltage: 3.7V
- Size: 10*40*50mm
- Lead Time: 15-20days
- Warranty: 1 Year
- Origin: China
- Highlight: 104050 Li Polymer Battery,
lipo pouch cell 2500mah,
3.7V lipo battery wholesale



Product Description

Rechargeable Li Polymer Battery 3.7V 104050 2500mah for Portable Devices

Product Description

Li-polymer battery (shorted as Li-po, Li-polymer, also known as polymer lithium-ion battery), is also a kind of lithium battery. It has a variety of advantages compares to other cylindrical lithium battery such as high energy, miniaturization, ultra-thin size, lightweight and high safety. Thanks to these advantages, lithium polymer batteries can be made into batteries of any shape and capacity to meet the needs of various products, that very flexible. About the safty, it uses aluminum-plastic packaging, internal problems can be immediately displayed through the outer packaging, even if there is a security risk, it will not explode, only bulge.

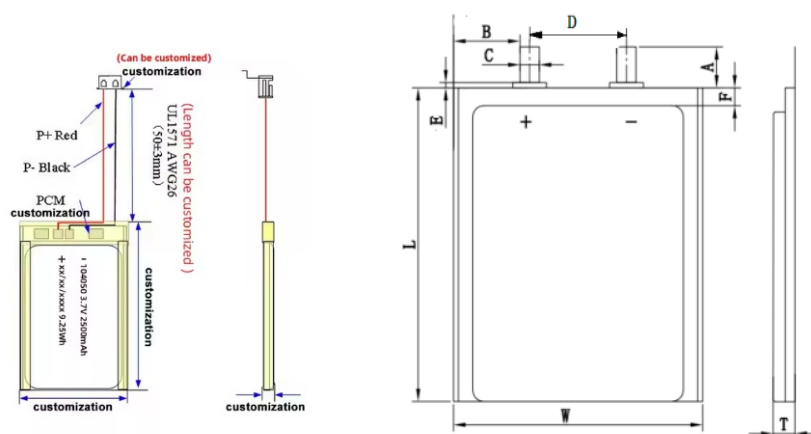
In polymer batteries, the electrolyte plays a dual and important function of the diaphragm and the electrolyte: on the one hand, it like a diaphragm that separates the positive and negative electrode materials, so that there is almost no self-discharge and short circuit problem inside the battery, and on the other hand, it conducts lithium ions between the positive and negative electrodes like an electrolyte. Polymer electrolyte not only has good electrical conductivity, but also has the characteristics of good elasticity, light weight, easy film formation and so on, which also conforms to the development trend of chemical power supply and environmental protection. That why the li-polimer battery is also more environmental friendly.

Product Parameters

No.	Items	Criteria	Remarks
1	Typical capacity	2500 mAh	Discharge at 0.2C 5A after standard charge fully.
2	Min Capacity	2480 mAh	
3	Energy	9.25Wh	
4	Open Circuit Voltage	3.85-3.95.	
5	Internal Impedance	≤ 60 mΩ	AC 1 KHz after standard charge
6	Standard Charge Method	Charging to 4.20V with constant current at 0.5C initially and then with constant voltage till charge current declines to 0.01C.	
7	Standard Discharge Method	Discharge to 3.00V with constant current at 0.5C.	
8	Fully charge voltage(FC)	4.20V	Defined in this DOC:FC= 4.20V
10	Fully discharge voltage(FD)	3.00V	Defined in this DOC:FD= 3.00V
9	Discharge cut-off voltage	≥2.75V	
10	Continuous Charge Current	500 mA (0.2C)	0 ~ 45
		2500 mA (1.0C) MAX	15 ~ 45
11	Continuous Discharge Current	1250 mA (0.5C)	-10 ~ 60
		2500 mA (1.0C) MAX	10 ~ 50
12	Storage Temperature	-20 ~ +45	Less than 1 month
		-20 ~ +35	Less than 3 months

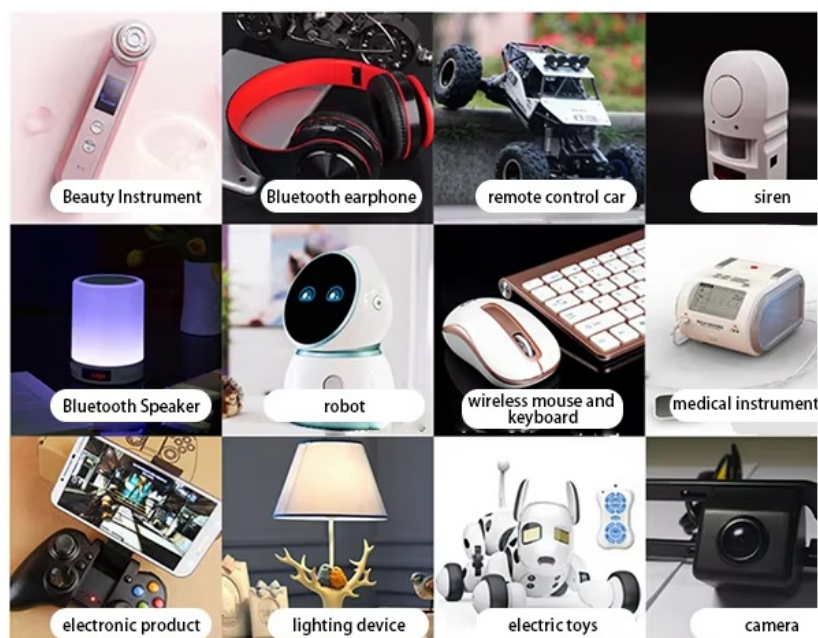
		- 20 ~ +35	Less than 6 months
15	Storage Humidity	≤ 75% RH	

Product Drawing

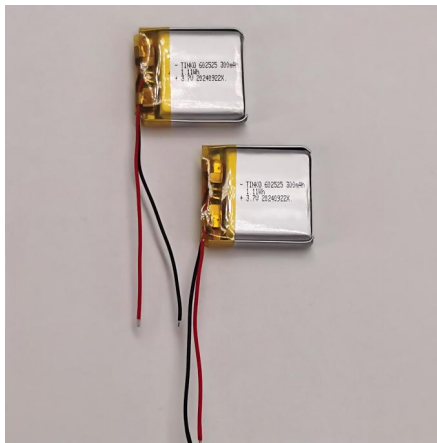


Item	Description	Dimension and Spec.
T	Thickness	≤ 10.0 mm
W	Width	≤10.0 mm
L	Length	≤ 50.0 mm
A	Cell Tab Length	9.0±1.0 mm
F	Top Seal Width	3.0±0.5 mm
C	Cell Tab Width	5.0±0.1 mm
D	Package Width	16±2 mm

Applications



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