

Li-Pol battery 1300mAh, 3.7V, 112450

Reference: AM2085

EAN13: -

HS code: 85078000



Product attributes:

Product features:

Capacity: 1300 mAh
Capacity (Wh): 4.81 Wh
Voltage: 3.7 V DC
Connector: Without connector
Thickness: 11 mm
Discharge current: 1C
Number of wires: 2

Product description:

Lithium-polymer (Li-Pol) rechargeable battery type 112450 is designed to power portable electronic devices such as mobile devices, embedded systems, measuring equipment, RC models or other compact electronics. Thanks to its flat design, it allows easy integration into devices with limited space. The battery has no memory effect and allows multiple cells to be connected in series according to the required voltage.

Technical specifications

- Battery type: Lithium-polymer (Li-Pol)
- Type designation: 112450
- Rated voltage: 3.7V
- Capacity: 1300mAh
- Capacity: 4.81Wh
- Charging voltage: 3.7-4.2 V DC
- Discharge current: 1C (1.3A)
- Number of charging cycles: 2000
- Minimum self-discharge: approx. 5% per month
- Working temperature: -10 to 50 °C
- Dimensions: 50 × 24 × 11 mm (length × width × thickness)

Functions and features

- Flat design suitable for compact devices
- No memory effect
- Possibility of series and parallel connection while maintaining proper protection
- Stable discharge characteristics
- Suitable for repeated long-term use

Ideal for

- Portable electronics
- Embedded and development modules
- RC models
- Measuring and diagnostic equipment
- Custom electronic projects

Package contents

- 1× Li-Pol battery 112450 3.7 V / 1300 mAh

Why choose this product?

- Balanced capacity and size ratio
- High number of charging cycles
- Low self-discharge during storage
- Universal use in a wide range of applications

Installation and operating instructions

- Charge only with a charger designed for Li-Pol cells with a terminal voltage of 4.2 V.
- Do not short-circuit the terminals or exceed the recommended discharge current.
- Do not operate if the voltage drops below 2.7 V - there is a risk of irreversible damage to the cell.
- It is recommended to use a protective BMS module to ensure safe operation.

Safety notice

- Do not expose to mechanical damage, deformation or puncture.
- Do not overheat or expose to temperatures outside the specified range.
- Avoid short-circuiting and overcharging the cell.
- Do not use the battery if it is swollen or damaged.

