

# Li-Pol battery 90mAh, 3.7V, 301030

Reference: AM2601

EAN13: -

HS code: 85078000

## Product attributes:

## Product features:

Capacity: 90 mAh  
Capacity (Wh): 0.33 Wh  
Thickness: 3.0 mm  
Discharge current: 1C  
Operating temperature: -10°C - +50°C  
Number of wires: 2



## Product description:

Compact lithium-polymer (Li-Pol) battery for powering small portable electronics and embedded devices. Thanks to its low weight and flat design, it is suitable for applications with limited space where stable power supply from a single 3.7 V cell is required.

## Technical specifications

- Voltage: 3.7V
- Capacity: 90mAh
- Capacity: 0.33Wh
- Charging voltage: 4.2V
- Discharge current: 1C
- Number of charging cycles: 2000
- Minimal self-discharge (approx. 5% per month)
- Working temperature: -10 - 50°C
- Type designation: 301030
- Size: 30x10x3mm

## Functions and features

- Li-Pol technology suitable for applications requiring small dimensions and low weight
- Design with terminals (red/black wire) for easy connection to the device
- Designed for CC/CV charging for single-cell Li-ion/Li-Pol batteries (4.2 V)
- Suitable for long-term storage under the right conditions due to low self-discharge

## Ideal for

- DIY electronics and prototyping
- Miniature sensors, data loggers and wearable electronics
- Small portable devices powered by a 1S Li-Polymer cell
- Service battery replacements in compatible devices (with matching dimensions and parameters)

## Package contents

- 1x Li-Pol battery 301030 3.7 V 90 mAh with wires

## Why choose this product?

- Clearly defined basic parameters for power supply design (3.7 V / 90 mAh)
- Standard charging voltage 4.2 V for single-cell Li-Po chargers and BMS
- Space-saving design of 30x10x3 mm for integration into compact structures

## Installation and operating instructions

- Use a charger/controller designed for 1S Li-ion/Li-Pol with a terminal voltage of 4.2 V (CC/CV).
- Before installation, verify the compatibility of dimensions, wire polarity and required consumption with respect to the 1C discharge current.
- Provide mechanical protection of the cell against puncture, deformation and vibration.

## Safety notice

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- Do not short-circuit, puncture, deform or expose the battery to high temperatures.
- Charge only in the manner specified for Li-Poly cells; do not exceed a charging voltage of 4.2 V.
- Do not use the battery if the packaging is damaged, swollen or unusually hot.

