

Li-Pol battery 5000mAh, 7.4V, 606090

Reference: AM3128

EAN13: -

HS code: 85078000



Product attributes:

Product features:

Capacity: 5000 mAh
Capacity (Wh): 37.0 Wh
Voltage: 7.4 V DC
Connector: Without connector
Thickness: 12 mm
Discharge current: 1C
Number of wires: 2

Product description:

Lithium-polymer (Li-Pol) rechargeable battery is designed to power portable electronic devices and applications where high capacity is required in a compact size. The design allows multiple cells to be assembled in series and used in battery packs.

Technical specifications

- Voltage: 7.4V
- Capacity: 5000mAh
- Capacity: 37Wh
- Charging voltage: 7.4-8.4 V DC
- Discharge current: 1C
- Number of charging cycles: 2000
- Minimal self-discharge (approx. 5% per month)
- Working temperature: -10 - 50°C
- Type designation: 606090
- Size: 90x60x12mm

Functions and features

- Li-Pol technology suitable for devices requiring higher energy density
- No memory effect during normal use
- Possibility of connecting multiple cells in series within battery packs
- Suitable for applications with consumption up to 1C

Ideal for

- Mobile electronics and portable devices
- Power battery packs for hobby and technical applications
- Devices requiring 7.4V (2S Li-Pol)

Package contents

- 1x Li-Po rechargeable battery 606090

Why choose this product?

- Clearly defined electrical parameters for power supply design (7.4 V / 5000 mAh / 37 Wh)
- Stable operating parameters in the range of -10 to 50 °C
- Low self-discharge suitable even for occasionally used devices

Installation and operating instructions

- Use a charger designed for Li-Pol batteries (2S) with a terminal voltage of 8.4 V.
- It is not recommended to discharge below 2.7 V per cell; if the voltage drops below 2.7 V, the battery may be irreversibly destroyed.
- Provide appropriate fuses and protection against overcharge, underdischarge and short circuit (BMS/protection circuit according to application)

Safety notice

- Do not short-circuit, mechanically damage or expose the battery to high temperatures.
- Charge only under supervision and in accordance with the requirements for Li-Pol cells.
- Improper use may cause overheating, battery damage, or fire.

