

Li-Pol battery 160mAh, 3.7V, 401040

Product codes:

Reference: AM1258

EAN13: -

UPC: 85078000

Product features:

Capacity: 160 mAh

Capacity (Wh): 0.59 Wh

Voltage: 3.7 V DC

Thickness: 4.0 mm

Discharge current: 1C

Operating temperature: -10°C - +50°C



Product attributes:

Product description:

The compact Li-Pol (lithium-polymer) rechargeable battery in a flat case with terminals (red/black wire) is suitable as a power source for small portable electronics and built-in applications. Thanks to its low self-discharge, it is also suitable for devices with occasional operation.

Technical specifications

- Cell type: Li-Pol (Li-ion polymer)
 - Voltage: 3.7V
 - Capacity: 160mAh
 - Capacity: 0.592Wh
 - 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: 401040
 - Size: 40 x 10 x 4 mm
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- Terminal design: wires (red +, black -)

Functions and features

- Flat format for installation in narrow spaces
- Suitable for repeated charging in low-power applications
- Standard nominal voltage 3.7 V for single-cell Li-Pol systems
- Terminals on the wires for easy connection to the device

Ideal for

- Small portable devices and built-in modules
- DIY electronics, prototypes and battery service replacements
- Devices powered by a single Li-Polymer cell (1S)

Package contents

- 1x Li-Pol battery 401040 3.7 V 160 mAh with wires

Why choose this product?

- Clearly defined dimensions for structural design
- Capacity and voltage suitable for compact electronics power supply
- Parameters suitable for normal Li-Pol charging mode (CC/CV at 4.2 V)

Installation and operating instructions

- Charge only with a charger/controller designed for Li-Pol (1S) with a terminal voltage of 4.2 V.
- Observe the polarity of the wires: the red wire is the positive pole (+), the black wire is the negative pole (-).
- When designing the device, consider the 1C discharge current and the corresponding current load of the wires and connections.

Safety notice

- Do not overcharge above 4.2V and do not discharge below the safe voltage recommended for Li-Pol cells; use appropriate protection (BMS/protection circuit) according to the application.
- Do not short-circuit, puncture, deform, or expose the battery to high temperatures.
- Install in such a way that there is no mechanical stress on the housing or wires.

Product gallery:

