

Li-Pol battery NCR18650GA, 3300mAh with strip terminals

Reference: AM4909
EAN13: -
HS code: 85078000



Product attributes:

Product features:

Capacity: 3300 mAh
Capacity (Wh): 12,21 Wh
Voltage: 3.7 V DC
Connector: Without connector
Discharge current: 3C

Product description:

The rechargeable Li-Ion cell in the 18650 format is designed to power portable electronic devices and battery packs. Thanks to the strip terminals, it is suitable for spot welding and solid integration into packs where a reliable electrical connection is required.

Technical specifications

- Cell type: Li-Ion (rechargeable)
- Format: 18650
- Type designation: NCR18650GA
- Rated voltage: 3.7 V
- Charging voltage: 3.7–4.2 V DC
- Capacity: 3300mAh
- Number of charging cycles: 1000
- Minimum self-discharge: approx. 5% in 6 months
- Working temperature: -10 to 50 °C
- Dimensions: 18 × 18 × 66 mm
- Terminal design: strip terminals

Functions and features

- Suitable for series and parallel multi-cell assemblies
- No memory effect during normal use
- Strip terminals for fixed connections in battery packs

Ideal for

- Battery packs and battery assemblies
- Portable electronic devices and power modules
- RC applications and other devices requiring a 18650 Li-Ion cell

Package contents

- 1x Li-Ion cell 18650 NCR18650GA 3300mAh with strip terminals

Why choose this product?

- Standard 18650 format for wide compatibility in battery packs
- Integrated ribbon cables make it easy to mount into a pack
- The parameters listed include voltage and temperature limits important for application design.

Installation and operating instructions

- For charging, use a charger designed for Li-Ion cells with a terminal voltage of 4.2 V.
- When assembling multiple cells, ensure cell alignment (balancing) and appropriate battery protection (BMS) according to the configuration.
- It is recommended to firmly connect the strip leads by spot welding; avoid prolonged heating of the cell during soldering

Safety notice

- If the voltage drops below 2.7 V, the battery may be irreversibly destroyed.
- Do not exceed the charging voltage of 4.2 V and prevent short circuit, mechanical damage and overheating.
- For safe operation in assemblies, we recommend using appropriate protection circuits (BMS) and maintaining proper fuse protection.

