

3.7V 250mAh Lithium Polymer Battery

This 3.7V lithium polymer battery has a capacity of 250mAh. It is suitable for small electronic projects requiring a compact and reliable power source.



ADDITIONAL IMAGES



Overview

High-Performance Lithium Polymer Battery

This 3.7V 250mAh Li-Polymer battery is designed for compact electronic devices requiring a reliable and lightweight power source. It features integrated protection circuitry against overcharging and short circuits, ensuring high safety standards during operation. With its slim profile and long cycle life, it is an ideal choice for portable professional equipment and consumer electronics.

Key Performance

Key Performance Metrics

| | | |
|---------------------------------|------------------------------------|-----------------------------|
| 3.7 V Nominal Voltage | 250 mAh Nominal Capacity | 1 C Max Discharge |
|---------------------------------|------------------------------------|-----------------------------|

Core Features

- High safety standards
- Long cycle life

Physical Dimensions

| | |
|-----------|---------|
| Thickness | 5.3 mm |
| Width | 20.5 mm |
| Height | 32 mm |

Charging Specifications

Charging Parameters

| Parameter | Value |
|-------------------------|-------------|
| Charge Cut-Off Voltage | 4.2V |
| Standard Charge Current | 0.2C |
| Rapid Charge Current | 0.5C |
| Standard Charge Time | 5.5h - 6.5h |

Technical Characteristics

| | |
|---------------------------|--------|
| Internal Resistance | d240n© |
| Discharge Cut-Off Voltage | 3 V |

Safety & Protection

| | |
|-----------------------|---|
| Integrated Protection | Overcharge Protection, Over-discharge Protection, Over-current Protection, Short Circuit Protection |
|-----------------------|---|

Environmental Conditions

Operating Temperature

- Charging: 10°C to 45°C (Max 85% RH)
- Discharging: -10°C to 55°C (Max 85% RH)

Applications

Recommended Use Cases

GPS Tracker • Dash Camera • Vehicle Rearview Mirror • Compressor