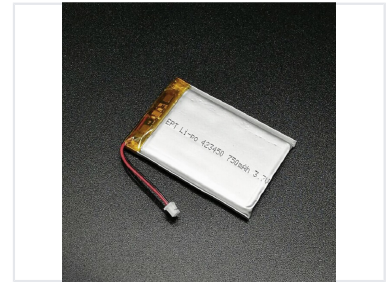
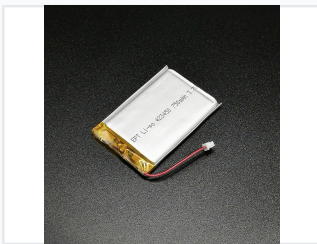


3.7V 1000mAh Rechargeable Lithium Polymer Battery

This is a 3.7V 1000mAh rechargeable lithium polymer battery. It is suitable for various electronic devices requiring a compact and lightweight power source.



ADDITIONAL IMAGES



Overview

High-Performance Lithium Polymer Solution

This 3.7V 1000mAh rechargeable lithium polymer battery is designed for compact electronic devices requiring a reliable and lightweight power source. It features an integrated protection board to ensure safety against overcharging, over-discharging, and short circuits. With a slim profile of only 4.5mm thickness, it is an ideal choice for space-constrained B2B applications and portable electronics.

Key Performance Metrics

Key Performance Metrics

3.7 V Nominal Voltage	1000 mAh Nominal Capacity	1 C Max Discharge
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Physical Dimensions

Physical Specifications

Dimension	Value (Max)
Thickness	4.5 mm
Width	50.0 mm
Height	55.0 mm

Electrical Characteristics

Initial Internal Resistance	160 m Ω
Factory Voltage	e 3.7

Charging Parameters

Charging Times

- Standard (0.2C): 5.5 - 6.5 hours
- Fast (0.5C): 1.5 - 2.5 hours

Charge Cut-off Voltage

4.35 V

Discharge Parameters

Discharge Cut-off Voltage

3 V

Safety & Protection

Protection Board Thresholds

- Overcharge: $4.375 \pm 0.05V$
- Over-discharge: $2.5 \pm 0.075V$

Integrated Protection

Overcharge Protection, Over-discharge Protection, Discharge Overcurrent, Short Circuit Protection

Environmental Conditions

Operating Temperature

Mode	Range
Charging	10°C to 45°C
Discharging	-10°C to 55°C

Maximum Humidity

85% RH