

BAK 1S 3.7V 5000mAh (5Ah) 1S1P 3C Lithium-Ion Rechargeable Battery

SKU / Model: Not specified

PRODUCT OVERVIEW

Specification Details Battery Type Lithium-Ion (Li-ion) Cell Brand BAK Nominal Voltage 3.7V Capacity 5000mAh (5Ah) Configuration 1S1P Discharge Rate 3C Max Discharge Current Up to 15A (approx.) Charging Voltage 4.2V Cycle Life 800 1000 cycles Application Electronics, DIY, IoT, backup

TECHNICAL SPECIFICATIONS

Nominal Voltage: 3.7V
Capacity: 5000mAh
Chemistry: Lithium-Ion
Maximum / BMS Current: 15A
Cycle Life: 1000 cycles
Charging Voltage: 4.2V
Product Category: 1 Cell 3.7V Li-Ion Battery Pack (3.7V-4.2)

PRODUCT DESCRIPTION

BAK 1S 3.7V 5000mAh (5Ah) 1S1P 3C Lithium-Ion Rechargeable Battery Pack The BAK 1S 3.7V 5000mAh (5Ah) 1S1P 3C Lithium-Ion Battery Pack is a compact and efficient power solution designed for a wide range of low-voltage applications. Built using high-quality BAK lithium-ion cells, this battery pack delivers stable performance, high energy density, and long service life. With a 1S1P configuration, it provides a nominal voltage of 3.7V and a capacity of 5000mAh, making it ideal for portable electronics, DIY projects, IoT devices, and backup systems. Its 3C discharge rate ensures reliable power delivery for devices requiring moderate to high current in a small form factor.

Key Features

- Capacity: 5000mAh (5Ah)
- Nominal Voltage: 3.7V
- Configuration: 1S1P
- Discharge Rate: 3C high performance
- Long Cycle Life: 800 1000 cycles
- Compact & Lightweight Design
- Rechargeable & Energy Efficient
- Stable & Reliable Output

Performance & Benefits

- High Power Output in Small Size
- Reliable Backup Power Source
- Perfect for DIY Projects & Custom Builds
- Consistent Charging & Discharging Efficiency
- Portable and Easy to Integrate

Applications

- DIY Electronics Projects
- IoT Devices & Embedded Systems
- LED Lighting Systems
- Portable Gadgets
- Power Banks
- Backup Power Modules

Why Choose This Battery?

- Trusted BAK cell quality
- Compact yet powerful design
- Suitable for both hobbyists and professionals
- Stable voltage output for sensitive electronics
- Long-lasting and cost-effective solution