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- › Hixon /
- › Hixon USB 9V Rechargeable Lithium Batteries K210 Instruction Manual

Hixon K210

Hixon USB 9V Rechargeable Lithium Batteries K210 Instruction Manual

Model: K210

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Hixon USB 9V Rechargeable Lithium Batteries, Model K210. These batteries are designed for long-lasting performance and convenience with their integrated USB Type-C charging port.



Image 1.1: Hixon 9V Rechargeable Lithium Batteries and USB-C cable.

2. PRODUCT FEATURES

- **High Capacity:** 760mAh (6840mWh) for extended device operation.
- **USB Type-C Charging:** Convenient direct charging without a separate charger.
- **Long Cycle Life:** Designed for over 1500 recharge cycles.
- **Stable Voltage Output:** Provides consistent power until depleted.
- **Wide Temperature Range:** Operates effectively from -20°C to 60°C (-4°F to 140°F).
- **Multi-Protection System:** Includes over-charge, over-discharge, short circuit, over-current, over-voltage, and over-heating protection.

HIGH CAPACITY

760mAh real capacity, no false label, no memory effect



Image 2.1: High capacity of Hixon 9V batteries.

WIDE TEMPERATURE RANGE DESIGN

Ensure good performance in extreme environment from -4°F to 140°F



Image 2.2: Wide temperature range design for reliable performance.

3. SETUP AND CHARGING

3.1 Initial Charging

It is recommended to fully charge the batteries before their first use. For optimal performance, allow the batteries to undergo 3 full charge and discharge cycles.

3.2 Charging Procedure

1. Locate the USB Type-C charging port on the side of the Hixon 9V battery.
2. Connect the included USB Type-C charging cable to the battery's port.
3. Connect the other end of the USB cable to a compatible power source such as a PC, desktop computer, wall adapter, power bank, or car charger.
4. The battery's indicator light will show charging status (e.g., red for charging, green for fully charged).
5. A full charge typically takes approximately 2 hours.

Multiple Charging Option



Image 3.1: Multiple charging options for Hixon 9V batteries.



Image 3.2: USB-C charging in progress.

4. OPERATING INSTRUCTIONS

4.1 Battery Installation

Insert the Hixon 9V rechargeable battery into devices that require a standard 9V battery. Ensure correct polarity (+ and - terminals) to prevent damage to the device or battery.

4.2 Compatible Devices

These batteries are suitable for a wide range of devices, including but not limited to:

- Smoke detectors and fire alarms
- Multimeters and thermometers
- Wireless microphones and electric guitars
- Remote transmitters and stud finders
- Mini photo printers and vital signs monitors
- Kids toys and walkie-talkies
- Alarm clocks, portable radios, and transistor radios

Widely Compatibility

For smoke alarms, fire alarms, multimeters, thermometers, remote transmitters, vital signs monitors, etc.




Image 4.1: Wide compatibility with various devices.



5. MAINTENANCE

- **Regular Recharging:** Recharge batteries when their performance diminishes to maintain optimal capacity and extend lifespan.
- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** If necessary, gently wipe the battery terminals with a dry, clean cloth to ensure good electrical contact.
- **Disposal:** Dispose of depleted or damaged batteries according to local regulations for lithium-ion batteries. Do not dispose of in household waste.



Image 5.1: Rechargeable and long-life battery for environmental sustainability.

6. TROUBLESHOOTING

- **Battery not charging:**
 - Ensure the USB Type-C cable is securely connected to both the battery and the power source.
 - Verify that the power source (e.g., USB port, wall adapter) is functional. Try a different power source

or cable.

- **Device not powering on with charged battery:**

- Check if the battery is inserted with the correct polarity (+ and -).
- Ensure the device itself is functional and compatible with 9V lithium-ion batteries.
- If it's the first use, ensure the battery has completed the recommended 3 full charge/discharge cycles.

- **Battery life seems short:**


- Confirm the device's power requirements. High-drain devices will deplete batteries faster.
- Ensure the battery is fully charged before each use.
- Over time, all rechargeable batteries experience a gradual decrease in capacity.

7. SPECIFICATIONS

Standard Block 9V Battery

Replace all 6F22 / PP3 / PP9 9 volt battery in the market

Description



Brand	Hixon
Mode	K210
Name	9V Li-ion Battery
Capacity	760mAh
Voltage	7.6V - 8.7V
Temp.	-20°C ~ 60°C
Weight	29.5g
Cycles	Up to 1500+
Charing	About 2hrs

Image 7.1: Hixon 9V Battery Specifications and Dimensions.

Attribute	Value
Brand	Hixon
Model	K210
Battery Type	9V Li-ion Battery
Capacity	760mAh (6840mWh)
Nominal Voltage	7.6V - 8.7V
Operating Temperature	-20°C ~ 60°C (-4°F to 140°F)
Weight	29.5g (approx. 1.04 oz)
Cycle Life	Up to 1500+ cycles
Charging Time	About 2 hours
Dimensions	45mm x 26mm x 16mm (1.77 x 1.02 x 0.63 inches)
Cell Composition	Lithium Polymer

8. SAFETY INFORMATION

The Hixon 9V Rechargeable Lithium Batteries are equipped with multiple protection features to ensure safe operation:

- Over-charge Protection
- Over-discharge Protection
- Short Circuit Protection
- Over-current Protection
- Over-voltage Protection
- Over-heating Protection

These batteries are CE, RoHS, and MSDS certified, indicating compliance with health, safety, and environmental protection standards.

Important Safety Warnings:

- Do not disassemble, crush, or puncture the battery.
- Do not expose the battery to fire or high temperatures (above 60°C / 140°F).
- Avoid short-circuiting the battery terminals.
- Keep batteries out of reach of children.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.

Multi-Protection 9V Recharge Battery

CE/PSE/ROHS Certified



Over-charge
Protection



Over-discharge
Protection



Short circuit
Protection



Over-circuit
Protection



Over-voltage
Protection



Over-heating
Protection

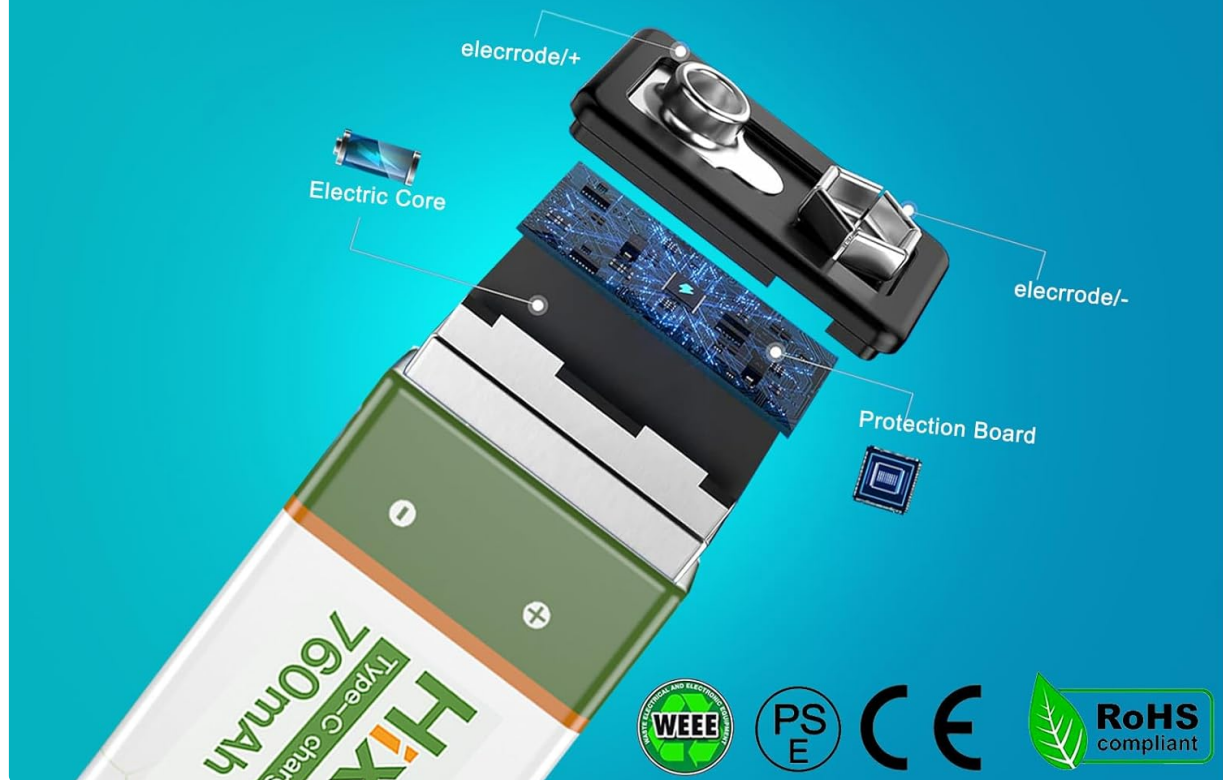


Image 8.1: Multi-protection features and certifications.

9. WARRANTY AND SUPPORT

Hixon is committed to providing high-quality products. While specific warranty periods are not detailed in this manual, if you encounter any issues with your Hixon 9V Li-ion battery, please contact our customer service team. Our service team is available to provide assistance and support.

For further assistance, please refer to the contact information provided with your purchase or visit the official Hixon website.