Kratax Q022

Kratax Q022 4-Bay AA AAA Lithium-ion Battery Charger Instruction Manual

1. Introduction

Thank you for purchasing the Kratax Q022 4-Bay Battery Charger. This charger is specifically designed for 1.5V constant voltage output AA and AAA rechargeable lithium-ion batteries. Please read this manual carefully before use to ensure safe and optimal performance of your device.

2. Safety Information and Warnings

To prevent injury or damage to the charger and batteries, please observe the following safety precautions:

- This charger is **only** compatible with 1.5V constant voltage output AA and AAA rechargeable lithium-ion batteries.
- **Do not** attempt to charge other battery types, such as NiMH, NiCd, Alkaline, or any disposable 1.5V batteries, as this may cause damage to the batteries, charger, or lead to fire or explosion.
- Ensure batteries are inserted with correct polarity (+/-). Incorrect insertion can damage the charger and batteries.
- The charger is made of fireproof PC/ABS material for enhanced safety.
- Built-in circuit protection safeguards against short-circuit, over-charge, over-heat, and reverse-polarity.
- Do not disassemble or modify the charger.
- Keep the charger away from water, moisture, and high temperatures.
- Unplug the charger from the power source when not in use or during cleaning.

Image: Rear view of the Kratax Q022 charger, displaying the warning label and technical specifications. The label explicitly states that the charger is only for same-brand 1.5V rechargeable Li-ion batteries and warns against charging other types.

3. Package Contents

Verify that all items are present in your package:

- Kratax Q022 4-Bay Battery Charger
- USB Type-C Charging Cable

Image: The Kratax Q022 4-bay battery charger, a white USB Type-C cable, and the product's white cardboard packaging box, illustrating the typical contents of the package.

4. Product Overview

The Kratax Q022 is a compact and efficient 4-bay charger designed for specific rechargeable lithium-ion batteries. It features independent charging channels and clear LED indicators for charging status.

- **4 Independent Charging Bays:** Allows simultaneous charging of 1 to 4 AA or AAA batteries.
- **LED Indicators:** Red LED indicates charging in progress; Green LED indicates fully charged.
- **USB Type-C Input:** Compatible with various USB power sources.

Image: An angled view of the white Kratax Q022 4-bay battery charger, showing the four battery slots and the LED indicator light at the top.

5. Setup

1. Connect the provided USB Type-C cable to the charger's input port.
2. Plug the other end of the USB cable into a compatible USB power adapter (e.g., wall adapter, computer USB port, power bank). Ensure the power source provides DC5V 2A for optimal charging.

Image: The Kratax Q022 charger shown alongside a USB-A to USB-C cable, demonstrating the connection method for powering the charger.

6. Operating Instructions

1. After connecting the charger to a power source, insert one or more compatible 1.5V constant voltage output AA or AAA rechargeable lithium-ion batteries into the charging bays. Ensure correct polarity.
2. The LED indicator above each slot will illuminate **red** to signify that charging is in progress for that specific battery.
3. Once a battery is fully charged, its corresponding LED indicator will turn **green**.
4. Remove the fully charged batteries from the charger.

Image: A close-up view of the battery contacts within the Kratax Q022 charger, showing the positive and negative terminals for battery insertion.

7. Maintenance

- Clean the charger regularly with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Ensure the charging contacts are free from dust and debris to maintain good conductivity.
- Store the charger in a cool, dry place when not in use.

8. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Batteries not charging (LED remains off or flashes)	No power to charger Incompatible battery type Incorrect battery insertion Faulty battery	Check USB cable connection and power source. Ensure batteries are 1.5V constant voltage output AA/AAA Li-ion. Re-insert batteries, ensuring correct polarity. Try charging a different battery to isolate the issue.
Charger gets excessively hot	Poor ventilation Overloaded power source	Ensure charger is in a well-ventilated area. Use a power adapter that meets the DC5V 2A specification.

9. Specifications

Feature	Specification
Model	Q022
Input	DC5V 2A
Output	DC5V 500mA*4
Compatibility	AA/AAA 1.5V Constant Voltage Output Rechargeable Lithium-ion Batteries ONLY
Indicators	Red (Charging), Green (Fully Charged)
Material	Fireproof PC/ABS
Package Dimensions	4.33 x 3.9 x 1.38 inches
Item Weight	0.634 ounces

Image: Top-down view of the Kratax Q022 charger with its dimensions clearly marked as 77mm/3.03in in both width and length.

10. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact Kratax customer service directly through their official website or the retailer where the product was purchased. Please have your product model number (Q022) and purchase details ready when contacting support.

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