Restokki sZYB-16820

Restokki 16.8V 2A Lithium-ion Battery Charger Instruction Manual (Model sZYB-16820)

1. Introduction

Thank you for choosing the Restokki 16.8V 2A Lithium-ion Battery Charger. This power adapter is designed to provide a safe, efficient, and reliable charging solution for a wide range of devices equipped with lithium-ion batteries. It features a universal voltage input and multiple protection mechanisms to ensure optimal performance and safety.



Image 1.1: Overview of the Restokki 16.8V/2A Power Supply Adapter highlighting its key features.

2. Safety Information

Please read all safety instructions carefully before using the charger. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Risk of Electric Shock:** Do not open the charger casing. Refer all servicing to qualified personnel.
- **Dry Location Use Only:** This charger is designed for indoor use in dry locations. Do not expose it to water, moisture, or high humidity.
- **Proper Ventilation:** Ensure adequate ventilation around the charger during operation. Do not cover the charger or place it in an enclosed space.
- **Compatible Devices:** Only use this charger with devices that specify a 16.8V input and are compatible with a 2A current draw. Using an incompatible device may cause damage.
- **Cable Integrity:** Regularly inspect the power cord and connector for any damage. Do not use the charger if the cord is frayed or damaged.
- **Unplug When Not in Use:** Disconnect the charger from the power outlet when not in use or during electrical storms.
- **Children and Pets:** Keep the charger out of reach of children and pets.

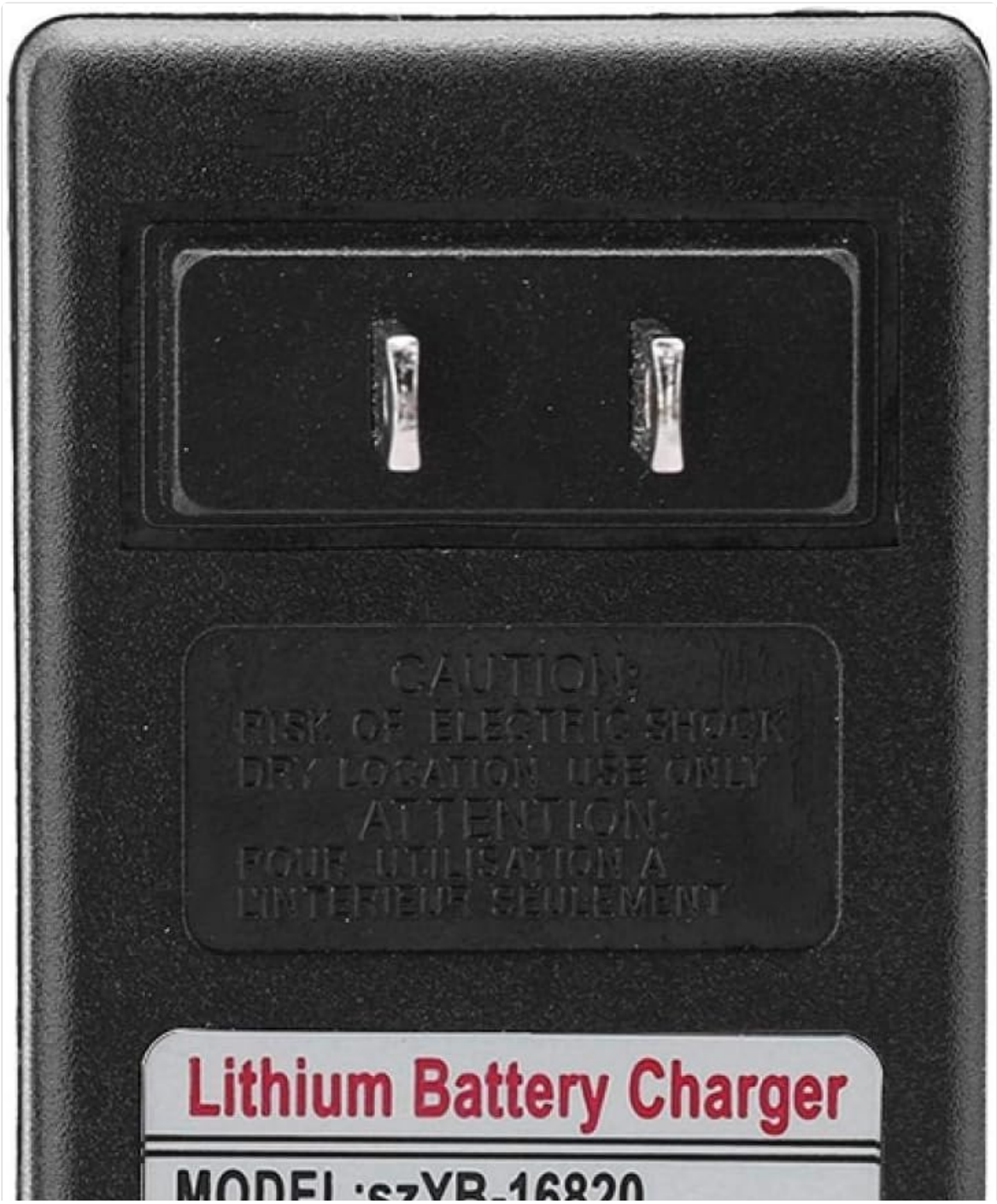




Image 2.1: Detailed view of the product label with safety warnings and specifications.

Integrated Protection Features:

The Restokki charger is equipped with built-in stable performance chips that provide comprehensive protection for your battery and device:

- **Overheat Protection:** Prevents the charger from reaching excessively high temperatures.
- **Overcharging Protection:** Stops charging once the battery is full to prevent damage.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Short Circuit Protection:** Automatically shuts off power in case of a short circuit.
- **Over Voltage Protection:** Protects against input voltage fluctuations.



Image 2.2: Visual representation of the charger's multiple safety protection mechanisms.

3. Package Contents

Verify that all items are present in your package:

- 1 x Restokki 16.8V 2A Lithium-ion Battery Charger (Model sZYB-16820)



Image 3.1: The Restokki 16.8V 2A Lithium-ion Battery Charger.

4. Setup

Follow these steps to set up your charger:

1. **Inspect the Charger:** Before first use, visually inspect the charger and its cable for any signs of damage.
2. **Connect to Device:** Plug the barrel connector of the charger into the charging port of your compatible lithium-ion battery-powered device. Ensure a secure connection.
3. **Connect to Power Outlet:** Insert the charger's AC plug into a standard AC 100-240V wall outlet.



Image 4.1: Charger connected to a wall outlet.

5. Operating Instructions

Once connected, the charger will automatically begin charging your device. The charging process is designed to be rapid and efficient.

- **Charging Indication:** The charger typically does not have an LED indicator. Refer to your device's own charging indicator (if available) to monitor the charging status.
- **Charging Time:** Charging time will vary depending on the capacity of your device's battery and its current charge level. The 2A output ensures a fast charging experience.
- **Disconnection:** Once your device is fully charged, or if you need to stop charging, first unplug the charger from the wall outlet, then disconnect the barrel connector from your device.

Compatibility:

This charger is compatible with a wide range of devices that utilize lithium-ion batteries and require a 16.8V DC input

with a barrel connector. This includes, but is not limited to, certain LED lamps, routers, speakers, set-top boxes, webcams, and portable fans, provided their power requirements match the charger's output.



Image 5.1: Examples of devices compatible with the charger, demonstrating its wide voltage input.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your charger:

- **Cleaning:** Disconnect the charger from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. Avoid wrapping the cable too tightly around the charger to prevent damage.
- **Inspection:** Periodically check the charger, cable, and connector for any signs of wear, cuts, or damage. If damage is found, discontinue use and replace the charger.

7. Troubleshooting

If you encounter issues with your charger, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not charging.	• Charger not properly plugged into outlet. • Charger not properly connected to device. • Power outlet is not active. • Device is incompatible or faulty. • Charger is faulty.	• Ensure the charger is securely plugged into a working wall outlet. • Verify the barrel connector is fully inserted into the device's charging port. • Test the outlet with another appliance. • Confirm your device requires 16.8V DC input and is compatible with a 2A charger. • Try charging another compatible device. If it still doesn't work, the charger may be faulty.
Charging is slow.	• Device's battery capacity is very large. • Device is drawing less current than 2A. • Charger is not providing full 2A output.	• Larger batteries naturally take longer to charge. • Some devices may regulate current draw based on battery status or internal design. • Ensure the charger is not overheating, which can reduce output. If consistently slow across multiple compatible devices, the charger's output may be reduced.
Charger feels hot.	• Normal operation (slight warmth). • Overload or poor ventilation.	• A slight warmth during charging is normal. • Ensure the charger is not covered and has adequate airflow. If it becomes excessively hot to touch, disconnect immediately and discontinue use.

8. Specifications

Detailed technical specifications for the Restokki 16.8V 2A Lithium-ion Battery Charger:

Feature	Specification
Model	sZYB-16820
Input Voltage	AC 100-240V, 50/60Hz
Output Voltage	DC 16.8V
Output Current	2 Amps
Connector Type	Barrel Connector

Feature	Specification
Special Feature	Fast Charging, Multiple Safety Protections (Overheat, Overcharging, Overcurrent, Short Circuit, Over Voltage)
Material	Environmentally-friendly ABS, PC fireproof material
Product Dimensions	3.35 x 1.77 x 2.17 inches (approximate)
Item Weight	3.52 ounces (approximate)
Manufacturer	Restokki

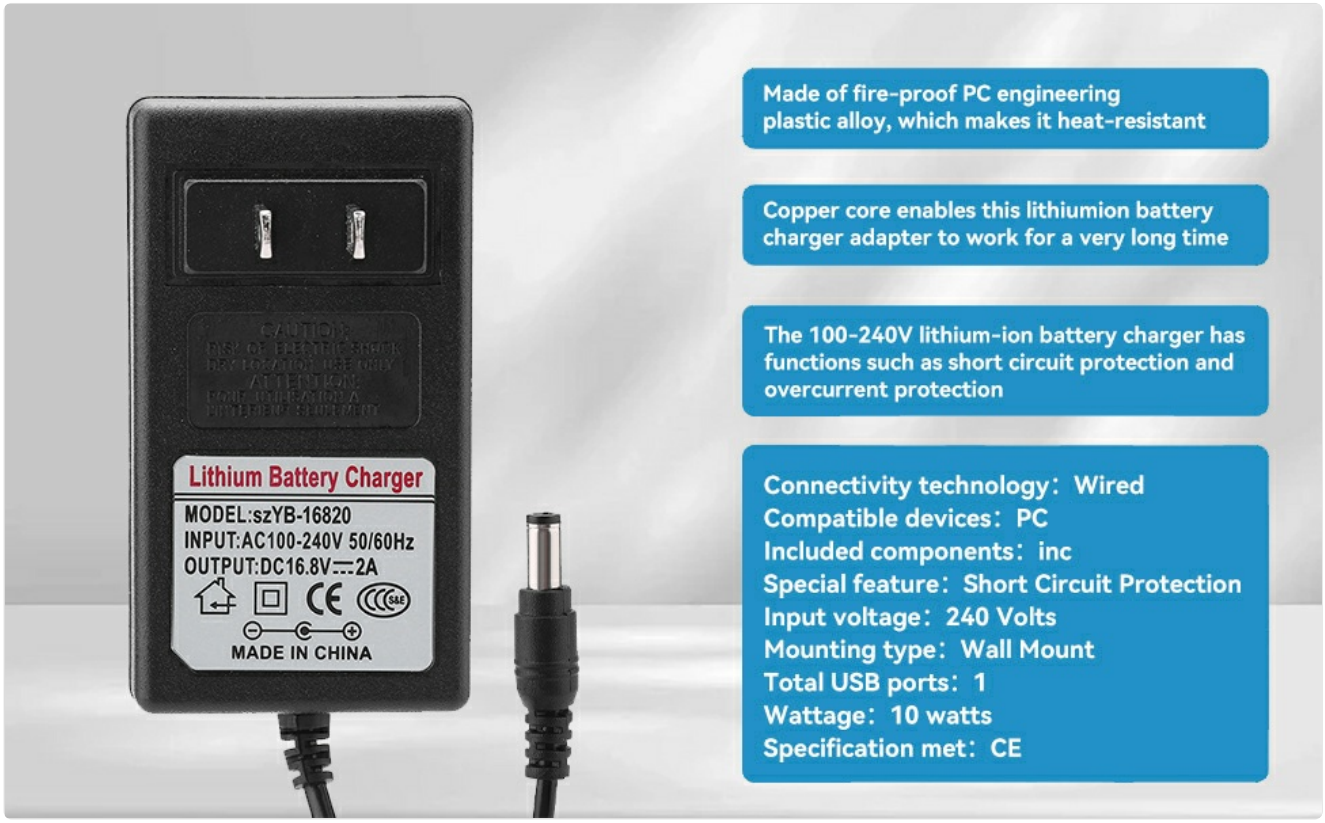


Image 8.1: Summary of product specifications and features.

9. Warranty and Support

For warranty information or technical support, please contact the retailer or manufacturer directly. Keep your purchase receipt as proof of purchase.

Manufacturer: Restokki

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question