

Kircuit AC/DC Adapter Charger (Compatible with QX0PEA, EWFD11LRR, EWFD12LRR)

Kircuit 20V 1.5A AC/DC Adapter Charger User Manual

For Roborock Q Revo, QX0PEA, EWFD11LRR, EWFD12LRR Robot Vacuum Cleaners

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit 20V 1.5A AC/DC Adapter Charger. This power supply is designed to convert alternating current (AC) from a wall outlet into direct current (DC) required by compatible devices, specifically Roborock Q Revo, QX0PEA, EWFD11LRR, and EWFD12LRR robot vacuum cleaners and their docking stations.

The adapter features a robust design with built-in dynamic IC, charger IC, and power fuse for efficient and protected charging. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: The Kircuit 20V 1.5A AC/DC Adapter Charger, showing the main adapter unit, the detachable AC input power cord, and the DC output cable with a barrel plug connector.

2. SAFETY INFORMATION

To prevent injury or damage to the product, observe the following safety precautions:

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose it to rain, moisture, or extreme temperatures.
- **Avoid Liquid Contact:** Do not immerse the adapter in water or any other liquid. If the adapter comes into contact with liquid, immediately unplug it from the power outlet.
- **Proper Ventilation:** Ensure adequate ventilation around the adapter during operation. Do not cover it or place it in an enclosed space where heat cannot dissipate.
- **Correct Voltage:** Only connect the adapter to power outlets providing the specified input voltage (100-240V AC).
- **Cable Integrity:** Regularly inspect the power cords for any signs of damage. Do not use the adapter if the cords are frayed, cut, or otherwise damaged.
- **Disconnect Safely:** Always grasp the plug, not the cable, when disconnecting the adapter from the wall outlet or

the device.

- **Do Not Disassemble:** Do not attempt to open or repair the adapter. Doing so will void the warranty and may pose a safety risk. Refer all servicing to qualified personnel.
- **Compatibility:** Use this adapter only with devices specified as compatible. Using it with incompatible devices may cause damage to the device or the adapter.
- **Children and Pets:** Keep the adapter and its cables out of reach of children and pets to prevent accidental injury or damage.

3. SETUP

Follow these steps to set up your Kircuit AC/DC Adapter Charger:

1. **Unpack:** Carefully remove the adapter and all cables from the packaging.
2. **Connect AC Power Cord:** Take the detachable AC power cord (the one with the two-prong wall plug) and connect its C7 connector end firmly into the AC input port on the main adapter unit.
3. **Connect DC Output Cable:** Plug the barrel connector of the adapter's DC output cable into the designated power input port on your compatible device (e.g., Roborock Q Revo robot vacuum) or its docking station. Ensure a secure connection.
4. **Plug into Wall Outlet:** Insert the two-prong wall plug of the AC power cord into a standard 100-240V AC electrical wall outlet.

Once connected, the adapter is ready to supply power to your device or initiate charging if the device is connected to its docking station.



Image 3.1: A top-down view of the Kircuit AC/DC Adapter Charger, illustrating the connection points for the AC input cable and the DC output cable.

4. OPERATING

The Kircuit AC/DC Adapter Charger operates automatically once properly connected to a power source and a compatible device.

- **Power Indicator:** The adapter unit may feature a small LED indicator light (often blue) that illuminates when the adapter is receiving power and functioning correctly. Refer to Image 4.1 for an example of the indicator light.
- **Charging Process:** When connected to a compatible device or its docking station, the adapter will provide the necessary 20V DC power to operate the device or charge its internal battery. The charging status (e.g., battery level, charging complete) is typically indicated by the device itself, not the adapter.
- **Continuous Power:** The adapter is designed for continuous operation within its specified limits. It provides a stable power supply to ensure reliable performance of your robot vacuum cleaner.



Image 4.1: The Kircuit AC/DC Adapter Charger in use, plugged into a wall outlet and connected to a device, demonstrating its operational setup.

5. MAINTENANCE

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

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior of the adapter. Do not use liquid cleaners, solvents, or abrasive materials.
- **Storage:** When not in use for extended periods, unplug the adapter and store it in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Cable Management:** Avoid placing heavy objects on the cables or bending them sharply. This can damage the internal wires and compromise safety.
- **Inspection:** Periodically inspect the adapter casing and cables for any signs of physical damage, such as cracks, cuts, or discoloration. If damage is observed, discontinue use and replace the adapter.

6. TROUBLESHOOTING

If you encounter issues with your adapter, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device not powering on or charging.	• Adapter not receiving power. • Loose connection. • Incompatible device. • Faulty adapter or device.	• Ensure the AC power cord is securely plugged into both the adapter and a working wall outlet. • Verify the DC output cable is firmly connected to the device/docking station. • Confirm your device is listed as compatible with this adapter. • Test the wall outlet with another appliance. If the issue persists, the adapter or device may be faulty.
Adapter feels excessively hot.	• Poor ventilation. • Overload or internal fault.	• Disconnect the adapter immediately. Ensure it is placed in an open area with good airflow. • If overheating continues after ensuring ventilation, discontinue use and replace the adapter.
No indicator light on adapter.	• No power from wall outlet. • Loose AC power cord connection. • Internal adapter fault.	• Check if the wall outlet is functional. • Ensure the AC power cord is securely connected to the adapter. • If the problem persists, the adapter may be faulty.

If these steps do not resolve the issue, please contact the seller or manufacturer for further assistance.

7. SPECIFICATIONS

Detailed technical specifications for the Kircuit 20V 1.5A AC/DC Adapter Charger:

- **Input Voltage:** 100-240V AC, 50/60Hz

- **Output Voltage:** 20V DC
- **Output Current:** 1.5A (1500mA)
- **Power Output:** 30W
- **Connector Type:** Barrel Plug
- **Color:** Black
- **Special Features:** Built-in Dynamic IC, Charger IC, and Power fuse for rapid charging and overcharge protection.
- **Compatible Devices:** Roborock Q Revo, QX0PEA, EWFD11LRR, EWFD12LRR Robot Vacuum Cleaner Mop Docking Chargers.
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd

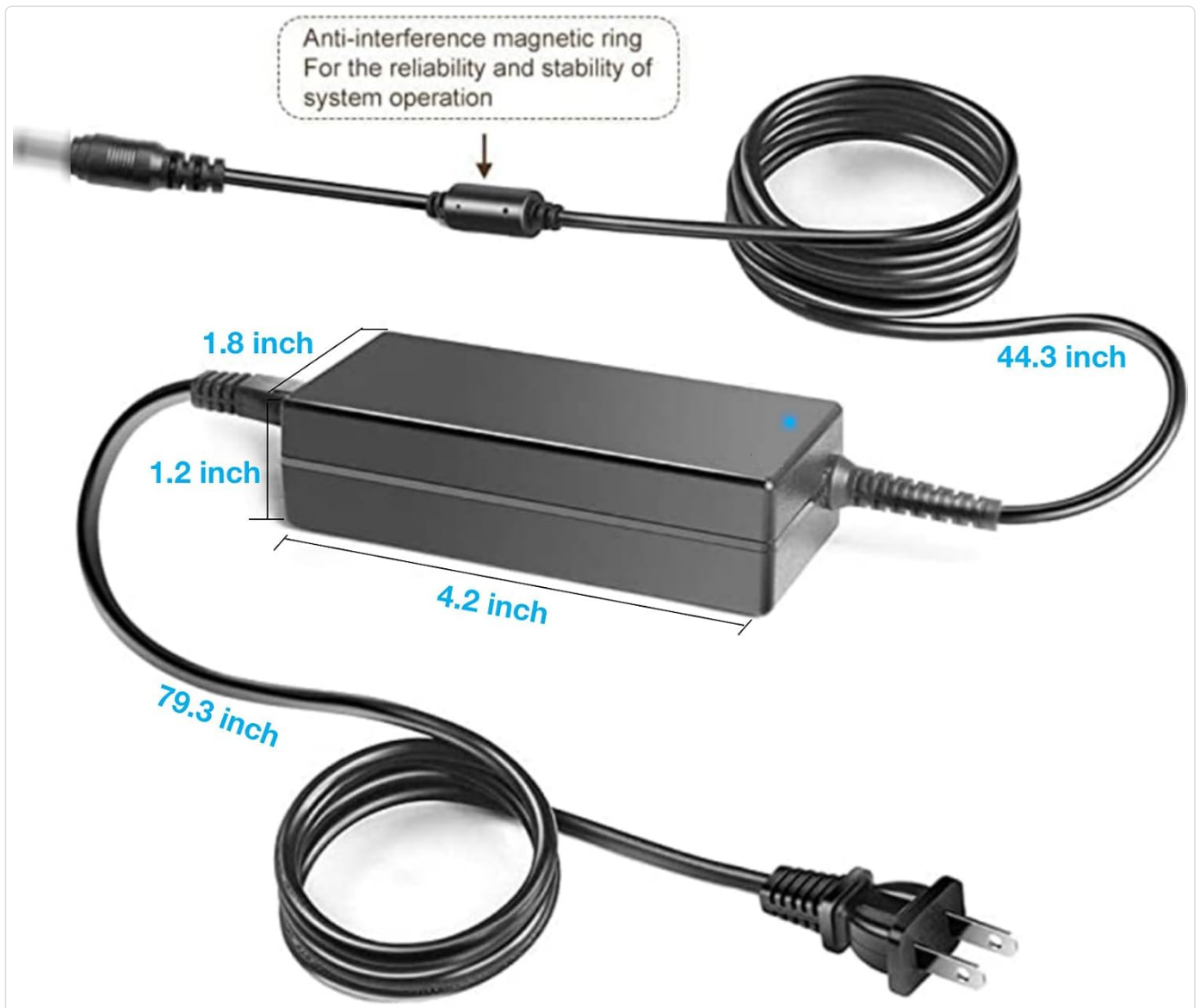


Image 7.1: The Kircuit AC/DC Adapter Charger with key dimensions (e.g., 4.2 inch length, 1.8 inch width, 1.2 inch height for the adapter body) and highlighting the anti-interference magnetic ring on the DC output cable.

8. WARRANTY AND SUPPORT

For information regarding the warranty period, terms, and conditions for your Kircuit 20V 1.5A AC/DC Adapter Charger, please refer to the product packaging or contact the seller directly. Keep your purchase receipt as proof of purchase. If you require technical support or have questions not covered in this manual, please reach out to the retailer or manufacturer's customer service department. Contact details are typically provided with your purchase or on the manufacturer's official website.

ASK A QUESTION ABOUT THIS MANUAL

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