

Kircuit 42V AC/DC Adapter Charger

Kircuit 42V AC/DC Adapter Charger User Manual

For Xiaomi Mi Electric Scooters and Compatible Devices

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kircuit 42V AC/DC Adapter Charger. This adapter is designed to convert AC power into the DC power required by your compatible device, primarily Xiaomi Mi Electric Scooters. Please read this manual thoroughly before use and retain it for future reference.

The Kircuit charger is engineered to meet the power requirements of your device, ensuring reliable operation and battery charging from standard electrical outlets. It features built-in protection mechanisms to safeguard against electrical hazards.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage to the product and connected devices:

- **Indoor Use Only:** This charger is intended for indoor use in dry conditions. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the electrical outlet voltage matches the charger's input specifications (100-240VAC, 50/60Hz).
- **Avoid Overloading:** Do not overload electrical outlets or extension cords.
- **Cable Care:** Do not place heavy objects on the power cord. Avoid bending, twisting, or pulling the cord excessively.
- **Disconnect Safely:** Always grasp the plug, not the cord, when disconnecting the charger from the power outlet or device.
- **Ventilation:** Ensure adequate ventilation around the charger during operation. Do not cover it.
- **Damage:** Do not use the charger if the cord, plug, or casing is damaged. Contact support for assistance.
- **Children:** Keep the charger out of reach of children.

This charger incorporates Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit

Protection (SCP) to enhance safety.

3. SETUP

Follow these steps to set up your Kircuit 42V AC/DC Adapter Charger:

1. **Unpack:** Carefully remove the charger from its packaging.
2. **Inspect:** Check the charger and cables for any visible damage. Do not use if damaged.
3. **Connect to Device:** Insert the barrel connector of the charger into the charging port of your compatible device. Ensure a secure connection.
4. **Connect to Power Outlet:** Plug the AC power cord into a standard electrical wall outlet (100-240VAC).

The charger is compatible with various Xiaomi Mi Electric Scooter models, including but not limited to:

- Xiaomi Mi Essential DDHBC08NEB (36V)
- Xiaomi Mi Essential Lite Electric FBC4022GL
- Xiaomi Mi 1S DDHBC05NEB (36V)
- Xiaomi Mi Pro DDHBC02NEB (37V)
- Xiaomi Mi Pro 2 DDHBC11NEB (37V)
- Xiaomi Mi Bike Pro 2 Electric Folding FBC4025GL
- Xiaomi Mi Mijia Pro 2 Pro2 Electric
- Other models requiring 42V DC input with a barrel connector.



Image 1: The Kircuit 42V AC/DC Adapter Charger, showing the main adapter unit, the AC power cord with a two-prong plug, and the DC output cable with a barrel connector.

4. OPERATING INSTRUCTIONS

Once properly connected, the charger will begin supplying power to your device or charging its battery. The charging process is typically indicated by a light on the charger or the device itself (refer to your device's manual for specific indicators).

- **Charging:** When connected, the charger will automatically detect the device's power needs and supply the

appropriate 42V DC output.

- **Completion:** Disconnect the charger once the device's battery is fully charged or when the device is no longer in use.
- **Continuous Power:** The adapter can also provide continuous power for devices that operate directly from an AC source, bypassing the battery.

It is recommended to charge your device in a well-ventilated area and to avoid leaving it unattended for extended periods during charging.

5. MAINTENANCE

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

- **Cleaning:** Disconnect the charger from both the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and moisture. Coil the cables loosely to prevent damage.
- **Inspection:** Periodically inspect the power cord and connector for any signs of wear, cuts, or damage. If damage is found, discontinue use immediately.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Charger not supplying power.	No power from outlet. Loose connection. Damaged charger/cable.	Test outlet with another device. Ensure all connections are secure. Inspect for damage; discontinue use if found.
Device not charging.	Incompatible device. Device charging port issue. Charger fault.	Verify device compatibility (42V DC input). Consult device manual or manufacturer. If other solutions fail, the charger may be faulty.
Charger feels hot.	Normal operation (slight warmth). Poor ventilation. Overload/fault.	Ensure adequate airflow. If excessively hot, disconnect immediately and cease use.

If the problem persists after attempting these solutions, contact the seller or manufacturer for further assistance.

7. SPECIFICATIONS

- **Brand:** Kircuit
- **Model:** 42V AC/DC Adapter Charger
- **Input Voltage:** 100-240VAC, 50/60Hz (World Wide Input Voltage)
- **Output Voltage:** 42V DC
- **Connector Type:** Barrel

- **Protection Features:** OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
- **Compatible Devices:** Xiaomi Mi Essential DDHBC08NEB, Xiaomi Mi 1S DDHBC05NEB, Xiaomi Mi Pro DDHBC02NEB, Xiaomi Mi Pro 2 DDHBC11NEB, 25702, FBC4022GL, FBC4091GL, FBC4025GL, and other compatible 36V/37V electric scooters requiring a 42V DC charger.
- **Color:** Black

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the time of purchase or contact the seller directly. Kircuit adapters are tested and designed for reliable performance.

If you require technical assistance or have questions regarding the use of this product, please reach out to the authorized retailer or Kircuit customer service.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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