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› Kircuit 42V AC/DC Power Adapter Instruction Manual (Model: 2AWOI3010PP)

Kircuit 2AWOI3010PP

Kircuit 42V AC/DC Power Adapter Instruction Manual

Model: 2AWOI3010PP

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your Kircuit 42V AC/DC Power Adapter. This adapter is specifically designed for charging 36V lithium-ion battery packs, commonly found in electric skateboards and similar devices. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.



Image 1: The Kircuit 42V AC/DC Power Adapter, showing the main unit, detachable AC power cord, and DC output cable with connector.

IMPORTANT SAFETY INFORMATION

Always follow these safety precautions to reduce the risk of fire, electric shock, or injury.

- Use the adapter only with compatible devices that require a 42V DC input and match the connector type.
- Do not expose the adapter to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble, modify, or attempt to repair the adapter. Refer servicing to qualified personnel.
- Ensure proper ventilation around the adapter during use to prevent overheating.
- Unplug the adapter from the power outlet when not in use or during electrical storms.
- Keep out of reach of children.

Built Safety Protections

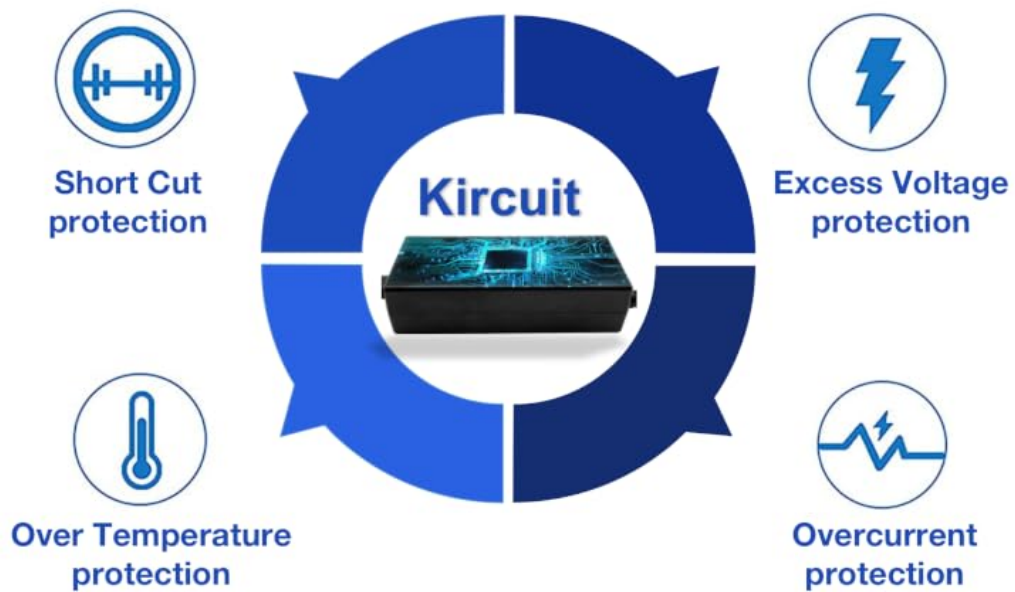


Image 2: Illustration of the Kircuit adapter's built-in safety features, including protection against short circuits, excess voltage, over temperature, and overcurrent.

PACKAGE CONTENTS

Verify that all items are present in the package:

- Kircuit 42V AC/DC Power Adapter Unit
- AC Power Cord (for wall outlet connection)
- DC Output Cable with Connector



Image 3: Components of the Kircuit power adapter package, including the main adapter unit, AC power cord, and DC output cable.

SETUP INSTRUCTIONS

Follow these steps to set up your power adapter:

1. **Connect the AC Power Cord:** Insert the female end of the AC power cord into the input port on the Kircuit power adapter unit.
2. **Connect to Power Outlet:** Plug the male end of the AC power cord into a standard 100-240V AC wall outlet.
3. **Connect to Device:** Plug the DC output connector from the adapter into the charging port of your compatible device (e.g., electric skateboard). Ensure the connection is secure.
4. **Verify Connection:** A charging indicator light (if present on your device or adapter) should illuminate, indicating that charging has begun.



Image 4: The Kirccircuit power adapter in use, connected to a wall outlet and a device, demonstrating a typical setup.

OPERATING INSTRUCTIONS

The Kirccircuit 42V AC/DC Power Adapter operates automatically once connected. It is designed to provide a stable 42V DC output for charging 36V lithium-ion battery packs.

- **Charging:** Once connected, the adapter will begin charging the device's battery. The charging time will vary depending on the battery capacity and its current charge level.
- **Overcharge Protection:** The adapter features built-in overcharge protection to prevent damage to your battery once it reaches full capacity.
- **Disconnection:** When charging is complete, or if you need to disconnect, first unplug the DC output connector from your device, then unplug the AC power cord from the wall outlet.

MAINTENANCE AND CARE

Proper maintenance ensures the longevity and performance of your adapter.

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Coil the cables loosely to prevent kinks or damage.
- **Cable Inspection:** Regularly inspect the AC power cord and DC output cable for any signs of damage, such as cuts, fraying, or bent pins. Do not use if damaged.

Durable design



- Power cable made of high-quality materials with thick insulation layer to protect against wear and tear, as well as abrasion-resistant outer sheathing to prevent damage from external factors.
- The cable can withstand high temperatures without melting or degrading, which is especially important for cables carrying high current loads.

Image 5: Detailed view of the power cable's durable construction, highlighting its thick insulation and flexibility.

- The plugs on the power cable also well-made and designed to provide a secure and stable connection.
- The plugs can handle high electrical loads without overheating or causing a fire hazard.

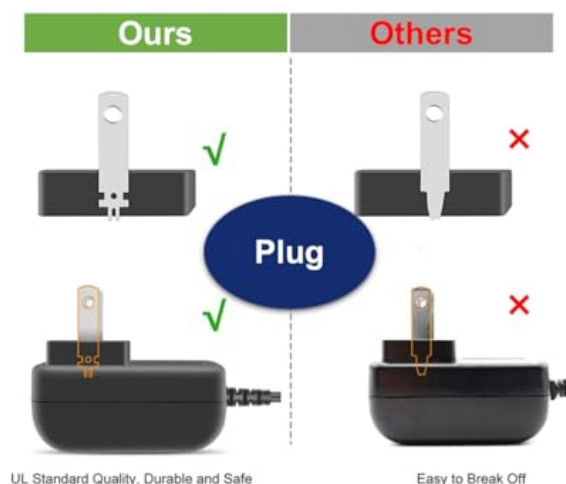


Image 6: Comparison illustrating the robust and secure design of the Kircuit power plug compared to less durable alternatives.

TROUBLESHOOTING

If you encounter issues with your Kircuit power adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Adapter not charging device.	Loose connection, power outlet issue, incompatible device, damaged cable.	◦ Ensure all cables are securely connected. ◦ Test the power outlet with another device. ◦ Verify the device requires a 42V DC input and has a compatible connector. ◦ Inspect cables for damage; replace if necessary.
Adapter is hot during use.	Normal operation, poor ventilation, excessive load.	◦ A slight warmth is normal. ◦ Ensure the adapter is in a well-ventilated area, not covered. ◦ Confirm the device's power requirements do not exceed the adapter's specifications.
Device not fully charging.	Battery issue, adapter fault.	◦ Consult your device's manual for battery health information. ◦ If other solutions fail, the adapter may require replacement.

SPECIFICATIONS

Technical specifications for the Kircuit 42V AC/DC Power Adapter:

- **Model:** 2AWOI3010PP
- **Input Voltage:** 100V-240V AC
- **Output Voltage:** 42V DC
- **Wattage:** 72 Watts
- **Main Power Connector Type:** 2 Pin
- **Special Feature:** Portable, Travel
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd



Image 7: The Kircuit power adapter with key dimensions indicated for the main unit and cable lengths.

WARRANTY AND SUPPORT

Kircuit products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Kircuit website. Keep your purchase receipt as proof of purchase for warranty claims.

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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.

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