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› Kircuit 12V DC Adapter Charger Replacement for Power 1470-1 Portable Generator PSU User Manual

Kircuit 1470-1

Kircuit 12V DC Adapter Charger User Manual

Model: 1470-1

1. INTRODUCTION

Thank you for choosing the Kircuit 12V DC Adapter Charger. This adapter is designed to provide reliable and efficient power to your compatible devices, specifically the Power 1470-1 Portable Generator PSU. It converts AC power from standard electrical outlets into the DC power required by your device, enabling operation and battery charging. Kircuit adapters are rigorously tested to ensure compatibility and performance, offering a portable power solution for various environments.

2. SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not expose the adapter to rain, moisture, or extreme temperatures.
- Ensure the adapter is used with devices that match its voltage and current specifications.
- Avoid using the adapter if the cord or plug is damaged.
- Do not disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Keep the adapter away from children.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Ensure proper ventilation around the adapter during operation to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Kircuit 12V DC Adapter Charger

4. SETUP

Follow these steps to set up your Kircuit adapter:

1. Identify the power input port on your compatible device (e.g., Power 1470-1 Portable Generator PSU).
2. Connect the barrel connector of the Kircuit adapter's output cable firmly into the device's power input port.

3. Plug the AC prongs of the Kircuit adapter into a standard electrical wall outlet (100-240V AC).



Figure 4.1: Front view of the Kircuit 12V DC Adapter Charger, showing the main unit with its specifications label and the attached DC output cable with a barrel connector.



Figure 4.2: The Kircuit 12V DC Adapter Charger plugged into a white power strip on a desk, demonstrating a typical setup for use.

5. OPERATING INSTRUCTIONS

Once the adapter is properly connected, your device should begin to operate or charge its battery. The adapter is designed for continuous use within its specified limits.

- **Power On:** After connecting the adapter to both the device and the power outlet, the device should power on or indicate charging status.
- **Charging:** If your device has a rechargeable battery, the adapter will supply power for charging. Refer to your device's manual for specific charging indicators.
- **Protection Features:** The adapter includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard both the adapter and your connected device.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your Kircuit adapter.

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** Store the adapter in a cool, dry place when not in use. Avoid wrapping the cable too tightly around the adapter body.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of damage, such as cuts, fraying, or bent prongs. If damage is found, discontinue use and replace the adapter.



Figure 6.1: The Kircuit 12V DC Adapter Charger with its coiled cable, indicating a cord length of 6.5 feet, highlighting the importance of proper cable management.

7. TROUBLESHOOTING

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

- **No Power to Device:**
 - Ensure the adapter is securely plugged into both the wall outlet and the device.
 - Check if the wall outlet is functional by plugging in another device.
 - Verify that the adapter's specifications (voltage, current) match your device's requirements.
 - Inspect the adapter cable and connector for any visible damage.
- **Adapter Overheating:**

- Ensure adequate ventilation around the adapter. Do not cover it.
- Confirm that the device connected is compatible and not drawing excessive power.
- If overheating persists, discontinue use and contact support.

8. SPECIFICATIONS

Feature	Specification
Brand	Kircuit
Model Compatibility	Power 1470-1 Portable Generator PSU
Input Voltage	100-240 Volts (AC)
Output Voltage	12V DC
Connectivity Technology	Powerline
Connector Type	BARREL
Protection Features	OVP, OCP, SCP Protection
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd



Figure 8.1: Two Kircuit 12V DC Adapter Chargers displayed from slightly different angles, showcasing the compact design and textured casing.

9. WARRANTY AND SUPPORT

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.

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