

[Manuals.plus](#) /

› [Kircuit](#) /

› Kircuit 12V-30V AC/DC Adapter Instruction Manual for OUPES Portable Power Stations

Kircuit 12V-30V AC/DC Adapter

Kircuit 12V-30V AC/DC Adapter Instruction Manual

For OUPES 1800W / 2400W Portable Power Stations

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kircuit 12V-30V AC/DC Adapter. This adapter is designed to convert standard AC power into the DC power required by compatible devices, specifically OUPES 1800W and 2400W portable power stations. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

The Kircuit AC/DC Adapter is a reliable power supply solution for your portable power station. It features a robust design with built-in protection mechanisms to ensure safe and efficient charging.



Figure 2.1: Kircuit AC/DC Adapter with included power cords. This image shows the main adapter unit, the AC input cord (for wall outlet connection), and the DC output cord (for connecting to the power station).

Key Features:

- **Universal Input:** Supports 100V-240V AC input, suitable for various regions.
- **Optimized Charging:** Designed to meet the power requirements of OUPES 1800W and 2400W portable power stations.
- **Safety Protections:** Incorporates Dynamic IC, Charger IC, and power fuse for rapid charging and overcharge protection.
- **Anti-interference Magnetic Ring:** Enhances reliability and stability of system operation.

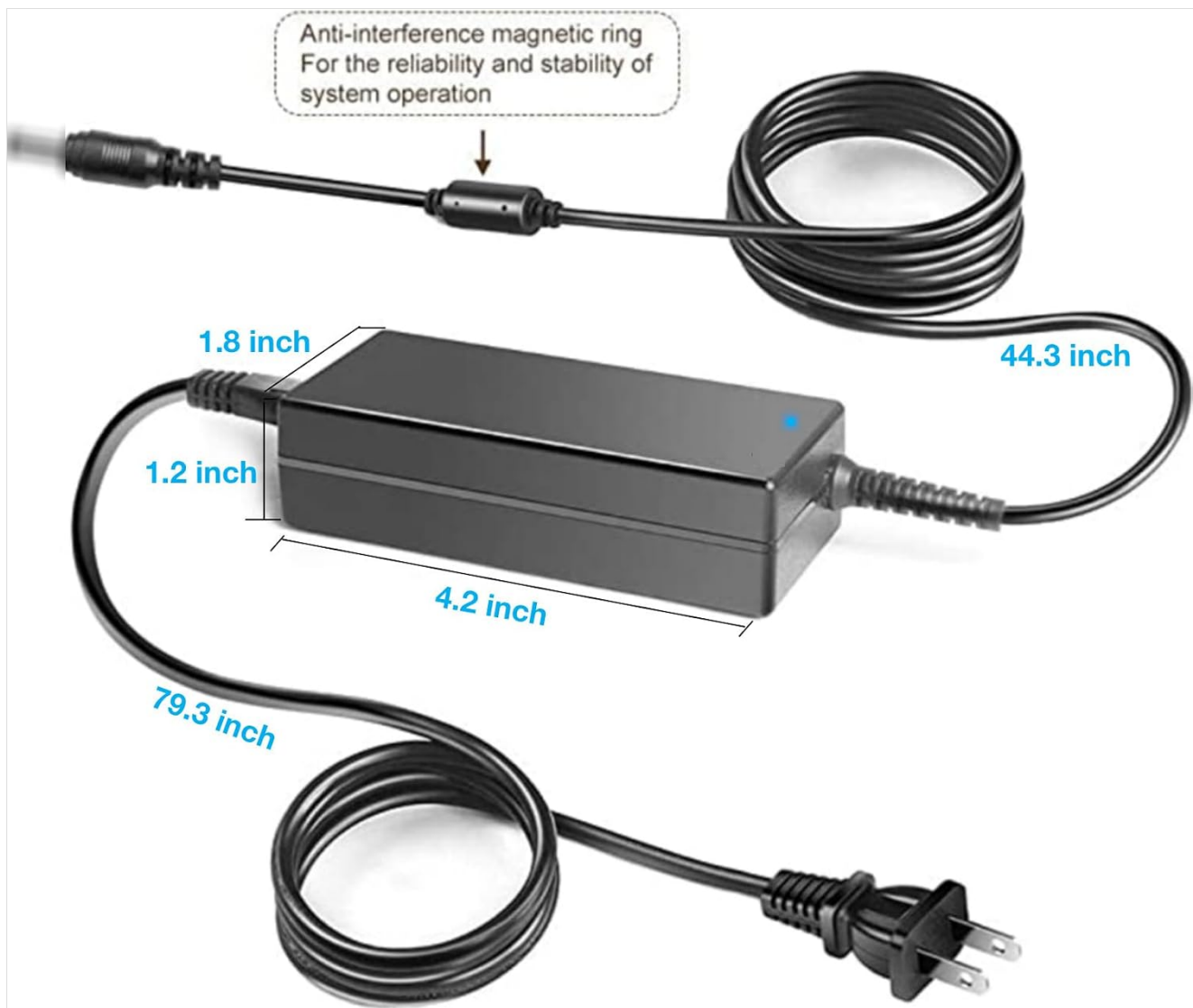


Figure 2.2: Detailed view of the adapter showing its dimensions and the anti-interference magnetic ring on the DC output cable. The adapter measures approximately 4.2 inches in length, 1.8 inches in width, and 1.2 inches in height. The DC output cable is approximately 44.3 inches long, and the AC input cable is approximately 79.3 inches long.

3. SPECIFICATIONS

Brand	Kircuit
Input Voltage	100V-240V AC
Output Voltage	12V-30V DC (Specific output for OUPES: 24V 8.33A)
Output Wattage	199.92W (24V * 8.33A)
Connector Type	DC Barrel
Compatible Devices	OUPES 1800W, OUPES 2400W, OPS-24, OPS-1800W Portable Power Stations
Included Components	1x AC/DC Adapter, 2x Power Cords (AC input cord, DC output cord)

4. SETUP

Follow these steps to properly connect your Kircuit AC/DC Adapter to your OUPES portable power station:

1. **Connect AC Input Cord:** Insert the 2-prong end of the AC input power cord into the adapter's AC input port.
2. **Connect DC Output Cord:** Connect the DC barrel connector of the output power cord to the DC output port on the adapter.
3. **Plug into Wall Outlet:** Insert the standard 2-prong plug of the AC input power cord into a compatible 100V-240V AC wall outlet.
4. **Connect to Power Station:** Insert the DC barrel connector from the adapter's output cord into the DC input port of your OUPES portable power station.

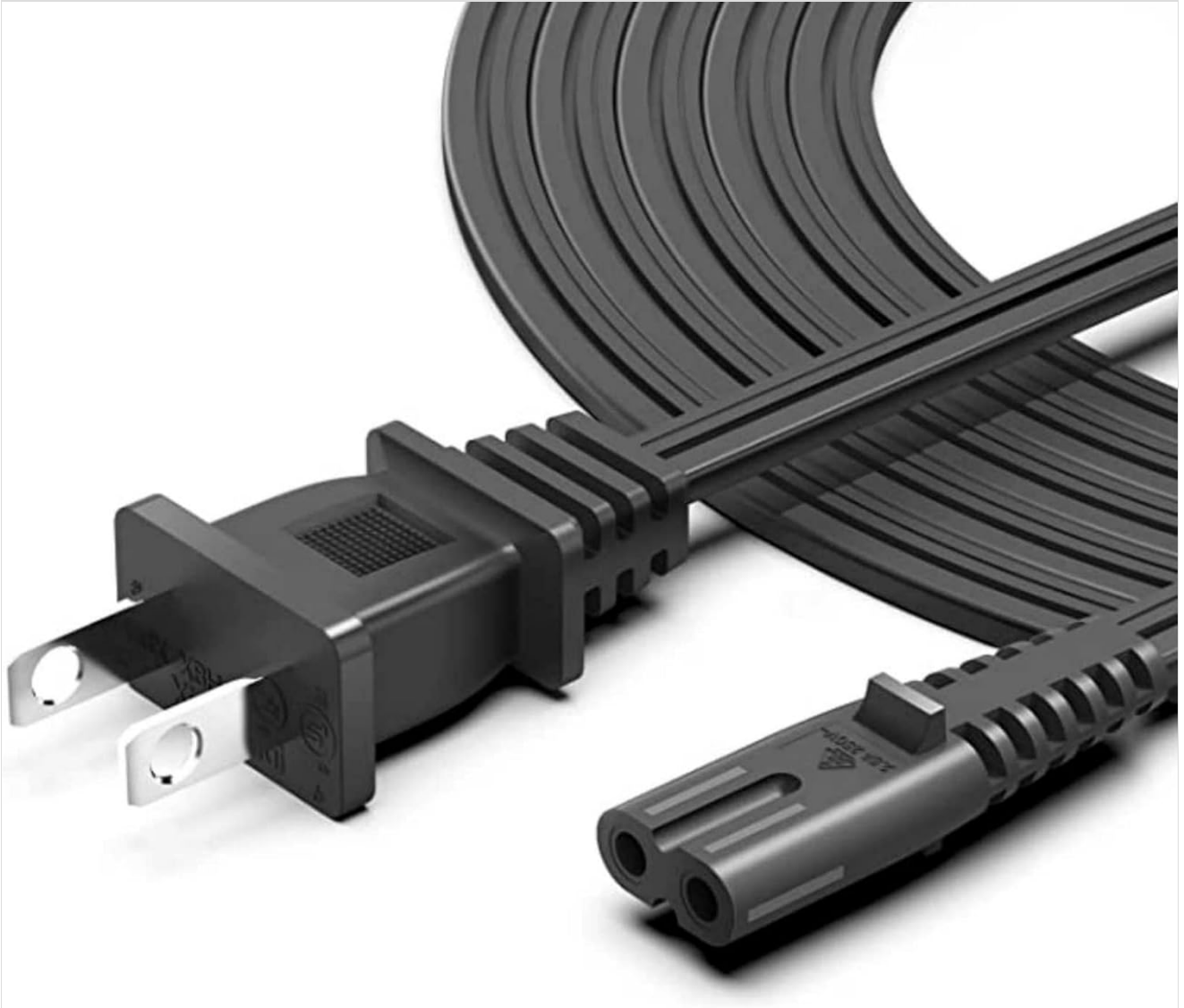


Figure 4.1: Close-up view of the AC input plug and the adapter's connection point for the AC cord. Ensure a secure connection for proper power delivery.



Figure 4.2: The Kircuit AC/DC Adapter plugged into a standard wall outlet, ready to provide power. The blue indicator light on the adapter signifies it is receiving power.

5. OPERATING INSTRUCTIONS

Once the adapter is properly connected as described in the Setup section, it will begin to supply power to your OUPES portable power station. The adapter is designed for continuous operation within its specified voltage and wattage limits.

- **Charging:** When connected to a compatible OUPES power station, the adapter will initiate the charging process. Refer to your power station's manual for charging indicators and estimated charging times.
- **Powering:** The adapter can also be used to power the OUPES power station directly, allowing it to operate while simultaneously charging its internal battery, if supported by the power station model.
- **Indicator Light:** A blue LED indicator on the adapter signifies that it is receiving AC power and is operational.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Kircuit AC/DC 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 solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Avoid wrapping cables too tightly.
- **Cable Care:** Regularly inspect the power cords for any signs of damage, such as cuts, fraying, or bent pins. Do not use if cables are damaged.
- **Ventilation:** Ensure the adapter has adequate ventilation during operation. Do not cover it or place it in enclosed spaces that could restrict airflow.

7. TROUBLESHOOTING

If you encounter issues with your Kircuit AC/DC Adapter, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Adapter not powering on (no blue LED)	No power from wall outlet; loose connection; faulty adapter.	Check wall outlet with another device. Ensure all cables are securely connected. If issue persists, the adapter may be faulty.
Power station not charging	Adapter not connected properly; power station input issue; adapter not compatible.	Verify adapter is powered (blue LED on). Ensure DC output connector is fully inserted into the power station. Confirm power station model is listed as compatible.
Adapter feels excessively hot	Overload; poor ventilation.	Ensure adapter is not covered and has adequate airflow. Disconnect for a few minutes to cool down. If overheating persists, discontinue use.

If troubleshooting steps do not resolve the issue, please contact customer support.

8. WARRANTY AND SUPPORT

This Kircuit AC/DC Adapter is manufactured with quality and reliability in mind. For specific warranty information, please refer to the product packaging or your purchase documentation. In case of any issues or questions not covered in this manual, please contact the seller or manufacturer for assistance.

Manufacturer: Shenzhen Waweis Technology Co., Ltd

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

Open the live page

<https://manuals.plus/asin/B0CB5ZH5KS>

More documents and user manuals: <https://manuals.plus/>