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Kircuit JYH4Z-1500400-BY

Kircuit 15V AC/DC Adapter User Manual

Model: JYH4Z-1500400-BY

Introduction

This user manual provides essential information for the safe and effective use of your Kircuit 15V AC/DC Adapter. This adapter is designed to convert AC power into the DC power required by compatible devices, such as ApowKing HP500 and HP300 portable power stations. Please read this manual thoroughly before use and retain it for future reference.

Safety Information

To ensure safe operation and prevent damage, please observe the following precautions:

- Use only with devices specified as compatible. Refer to the product specifications for compatible models.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impacts.
- Do not disassemble or attempt to repair the adapter. Refer servicing to qualified personnel.
- Ensure the power outlet voltage matches the adapter's input voltage (100-240VAC).
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.
- This adapter features OVP (Over Voltage Protection), OCP (Over Current Protection), and SCP (Short Circuit Protection) for enhanced safety.

Product Overview

The Kircuit 15V AC/DC Adapter consists of the main adapter unit, an AC input cable, and a DC output cable with a barrel connector.



Figure 1: Kircuit 15V AC/DC Adapter showing the main unit, AC input cable, and DC output cable.

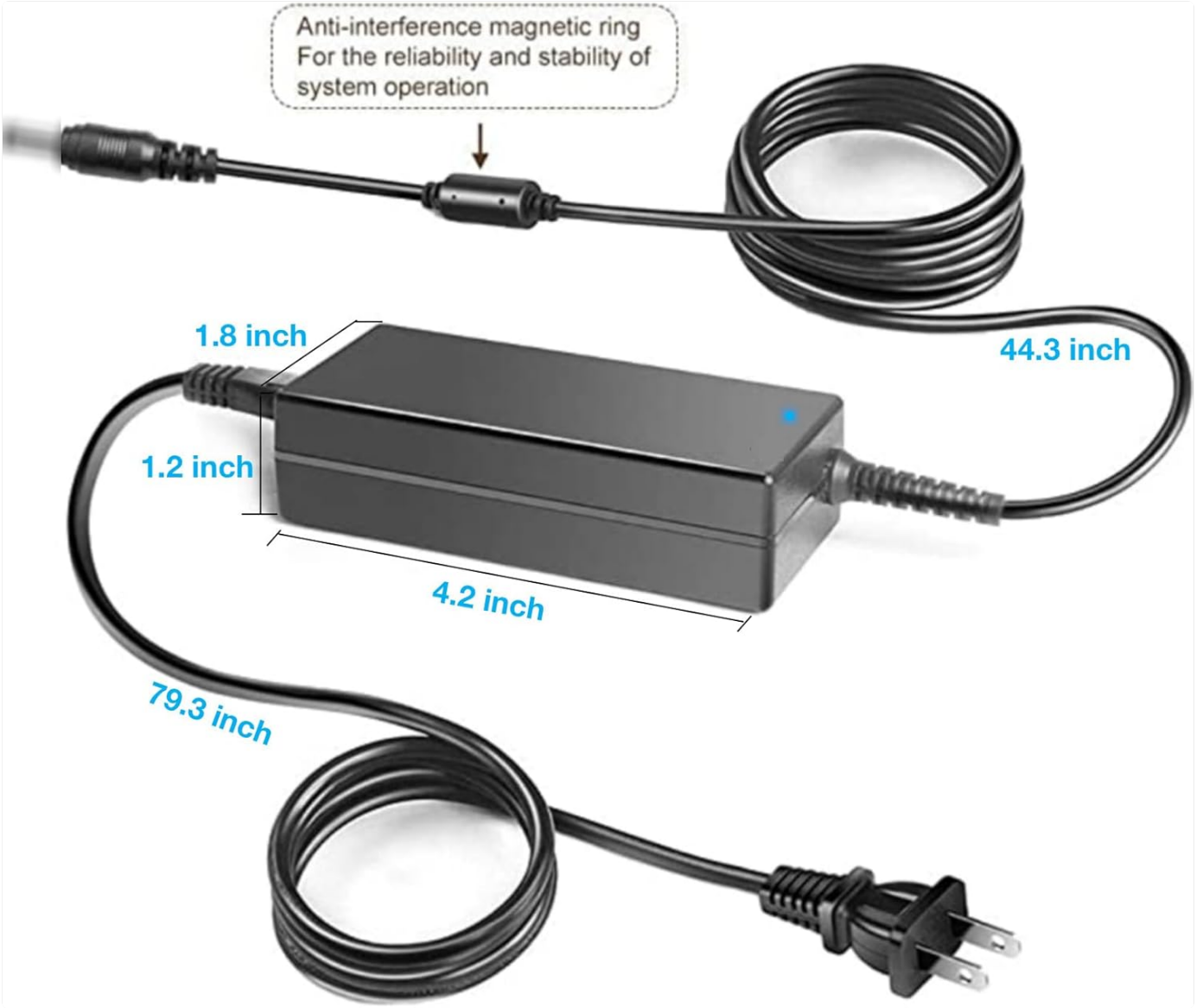


Figure 2: Detailed view of the adapter unit with dimensions (4.2 inches length, 1.2 inches height, 1.8 inches width) and the anti-interference magnetic ring on the DC output cable.

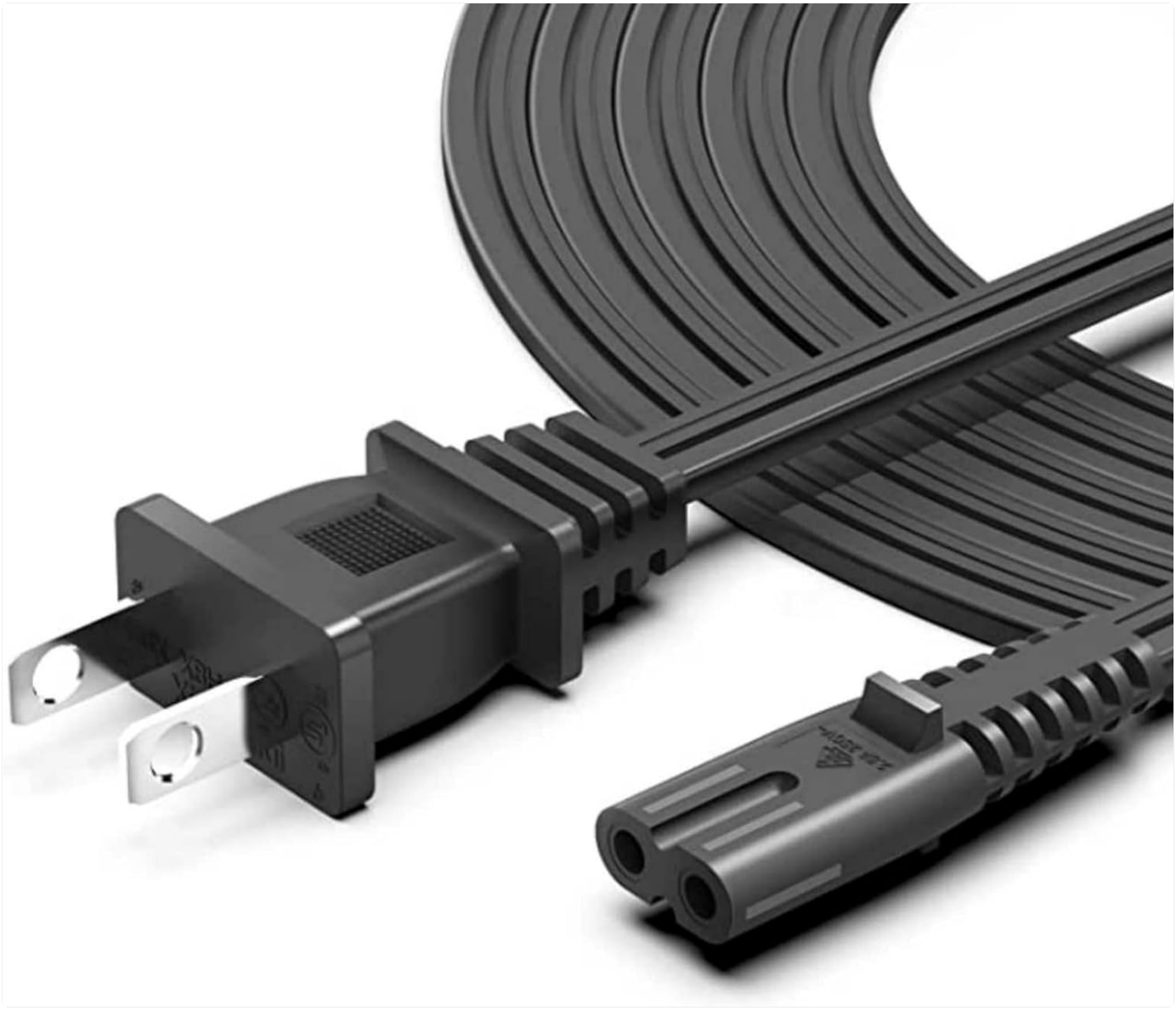


Figure 3: Close-up of the standard US 2-prong AC power plug and the 2-pin connector that plugs into the adapter unit.

Setup

1. **Connect AC Input Cable:** Insert the 2-pin connector of the AC input cable firmly into the corresponding port on the Kircuit AC/DC adapter unit.
2. **Connect DC Output Cable:** Ensure the DC output cable with the barrel connector is securely attached to the adapter unit. This cable is typically permanently attached.
3. **Prepare Device:** Ensure your compatible device (e.g., ApowKing HP500/HP300) is ready to receive power.



Figure 4: The Kircuit AC/DC Adapter with its AC power cord connected, ready for use.

Operating Instructions

1. **Plug into Power Outlet:** Insert the AC power plug into a standard 100-240VAC electrical wall outlet.
2. **Connect to Device:** Insert the DC barrel connector of the adapter's output cable into the DC input port of your compatible device (e.g., ApowKing HP500/HP300 portable power station).
3. **Power On Device:** Turn on your device if it does not automatically power on or begin charging upon connection.
4. **Charging/Operation:** The adapter will now supply power to operate your device or charge its internal battery. Monitor your device's charging indicator.
5. **Disconnecting:** To disconnect, first unplug the DC barrel connector from your device, then unplug the AC power plug from the wall outlet.



Figure 5: The Kircuit AC/DC Adapter in operation, plugged into a wall outlet and connected to a device (partially visible).

Maintenance

Proper maintenance ensures the longevity and optimal 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 aerosols.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly winding the cables to prevent damage.
- **Inspection:** Periodically inspect the cables and connectors for any signs of wear, fraying, or damage. If damage is observed, discontinue use and replace the adapter.

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 providing power.	Loose connection, faulty outlet, incompatible device.	Ensure all cables are securely connected. Test the outlet with another device. Verify device compatibility.
Device not charging.	Device issue, adapter issue, incorrect voltage/current.	Check device's charging port. Confirm adapter specifications match device requirements. Try a different compatible adapter if available.
Adapter feels hot.	Normal operation under load, poor ventilation, overload.	A slight warmth is normal. Ensure adequate ventilation around the adapter. If excessively hot, disconnect immediately and contact support.

Specifications

Feature	Detail
Model	JYH4Z-1500400-BY
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	15VDC
Output Current	4A (4000mA) / 2.5A (2500mA) (depending on compatible device)
Connector Type	Barrel Connector
Compatible Devices	ApowKing HP500 (500W, 296Wh), ApowKing HP300 (300W, 220Wh) Portable Power Stations
Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Color	Black
Manufacturer	Shenzhen Waweis Technology Co., Ltd

Warranty and Support

This Kircuit product is designed for reliability and performance. For warranty information or technical support, please refer to the documentation provided with your purchase or contact your retailer. Keep your purchase receipt as proof of purchase.
For further assistance, please visit the Kircuit official website or contact their customer service department.

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