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## Kircuit 12V AC/DC Adapter

# Kircuit 12V AC/DC Adapter Instruction Manual

For Calix GigaSpire Blast u6.1 GS4220E, u6.2 GS4227E, u6x GS4227, u6xw GS4227W WiFi 6 Routers

## INTRODUCTION

This manual provides essential information for the safe and efficient use of your Kircuit 12V AC/DC power adapter. This adapter is designed to convert AC power from a wall outlet into the DC power required by compatible Calix GigaSpire Blast WiFi 6 routers. Please read these instructions thoroughly before use and retain them for future reference.

## SAFETY INFORMATION

- Use only with compatible devices as specified.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to open or repair the adapter. Refer servicing to qualified personnel.
- Ensure the power outlet is easily accessible and unplug the adapter during electrical storms or when unused for long periods.
- Keep out of reach of children.

## WHAT'S IN THE BOX

Verify that all components are present upon unpacking:

- 1 x Kircuit 12V AC/DC Power Adapter
- 2 x Power Cords (AC input cable)

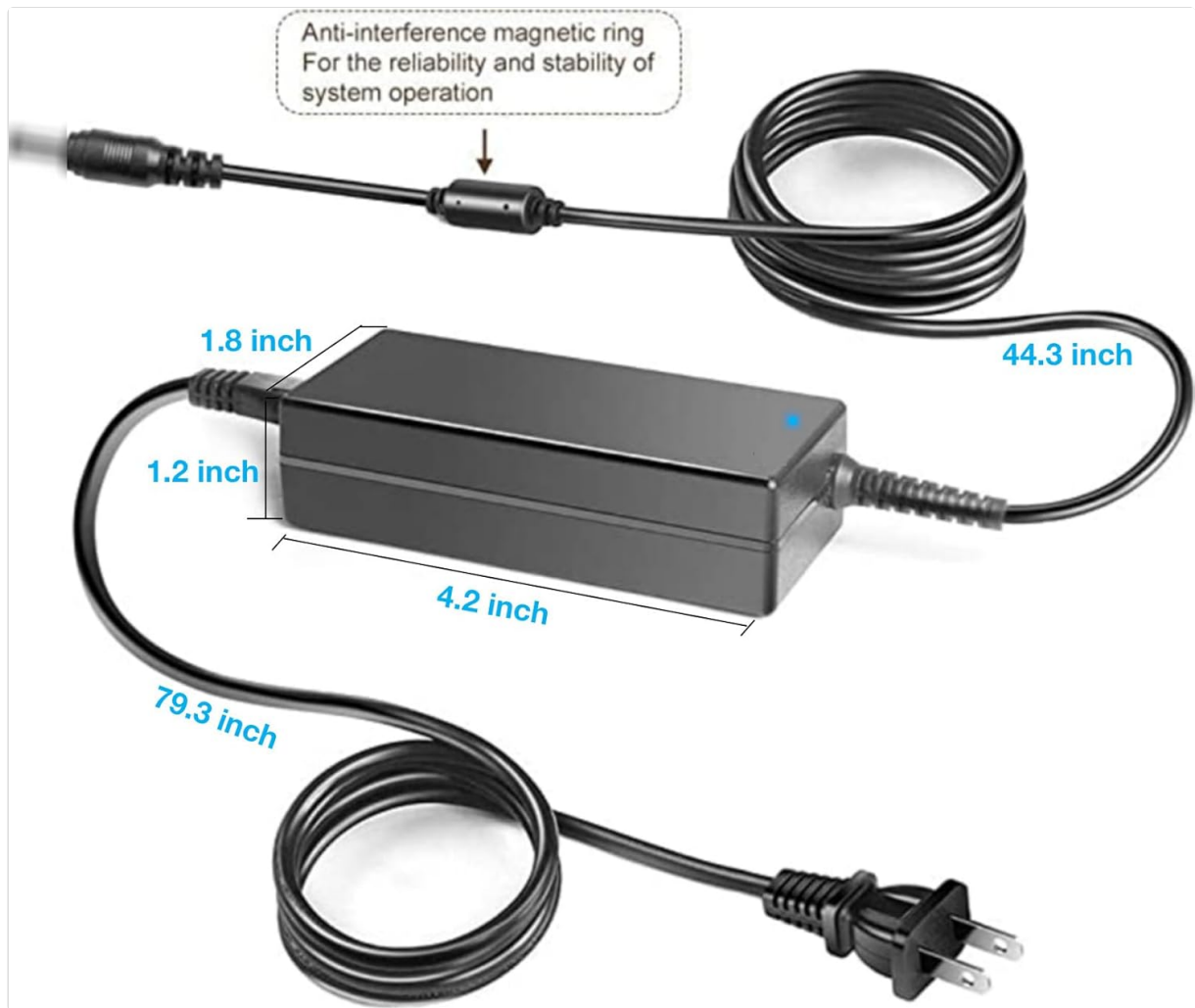
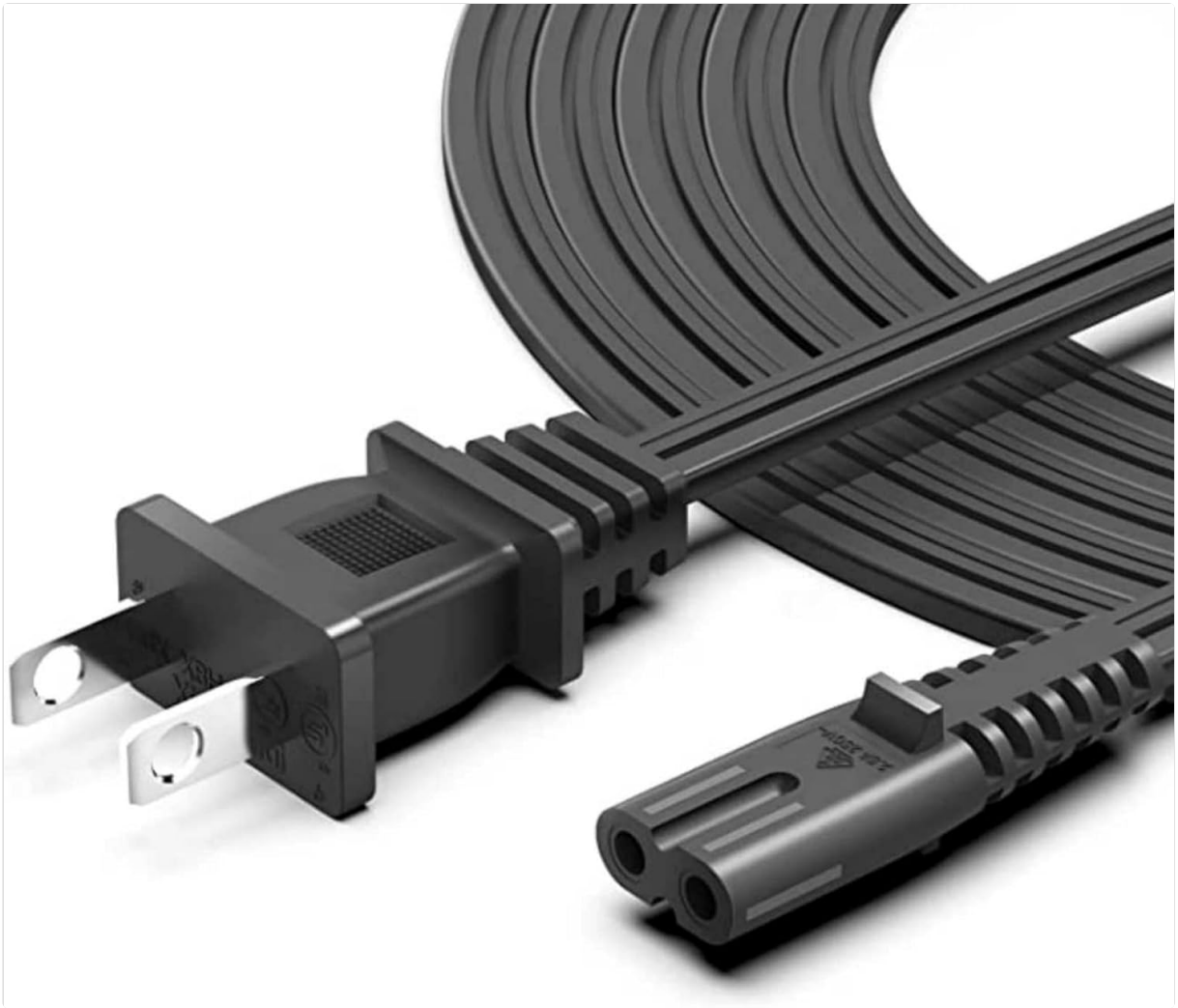


Image: The Kircuit 12V AC/DC Power Adapter, showing the main adapter unit, the DC output cable with a barrel plug, and the detachable AC input cable.

## SETUP

1. **Connect the AC Power Cord:** Take one of the provided AC power cords and firmly insert its two-prong connector into the AC input port on the Kircuit power adapter unit.
2. **Connect to Wall Outlet:** Plug the other end of the AC power cord (the standard wall plug) into a suitable 100-240V AC electrical wall outlet.
3. **Connect to Device:** Locate the power input port on your Calix GigaSpire Blast router. Insert the barrel plug from the Kircuit adapter's DC output cable into this port. Ensure a secure connection.
4. **Power On:** Once all connections are secure, your device should receive power. Observe your device's power indicator for confirmation.



*Image: A close-up view of the two-prong AC power cord plug, which connects to the wall outlet.*



*Image: The Kircuit power adapter unit connected to a wall outlet, demonstrating a typical setup.*

## OPERATING

The Kircuit 12V AC/DC adapter operates automatically once connected. It provides a stable 12V DC output at 3A to power your compatible Calix GigaSpire Blast router. The adapter is designed for continuous operation. An anti-interference magnetic ring is integrated into the DC output cable for enhanced system stability.



*Image: The Kircuit power adapter with key dimensions indicated, including the anti-interference magnetic ring on the DC cable.*

## MAINTENANCE

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- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires, cracks, or bent pins. If damage is found, discontinue use and replace the adapter.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Device not powering on.	<ul style="list-style-type: none"> <li>Adapter not properly connected.</li> <li>Power outlet is not active.</li> <li>Adapter or cable is damaged.</li> <li>Device is incompatible.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure all connections are secure.</li> <li>Test the outlet with another device.</li> <li>Inspect adapter and cables for damage; replace if necessary.</li> <li>Verify your device model is listed as compatible.</li> </ul>
Adapter feels hot during use.	<ul style="list-style-type: none"> <li>Normal operation (slight warmth).</li> <li>Overload or poor ventilation.</li> </ul>	<ul style="list-style-type: none"> <li>A slight warmth is normal.</li> <li>Ensure adapter is in a well-ventilated area. If excessively hot, disconnect immediately and contact support.</li> </ul>

## SPECIFICATIONS

<b>Brand</b>	Kircuit
<b>Input Voltage</b>	100-240V AC
<b>Output Voltage</b>	12V DC
<b>Amperage</b>	3 Amps
<b>Connector Type</b>	Barrel Plug
<b>Special Feature</b>	Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and over charge protection. Anti-interference magnetic ring.
<b>Compatible Devices</b>	Calix GigaSpire Blast u6.1 GS4220E (100-05413), u6.2 GS4227E (100-05415), u6x GS4227 (100-05603), u6xw GS4227W

## WARRANTY AND SUPPORT

This Kircuit product is designed for reliability. For specific warranty details, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or inquiries, please reach out to the vendor or manufacturer through the contact information provided with your purchase.