

Kircuit YLS0121A-T060100, 67536-0508D2, HD67495-1001

Kircuit 6V AC/DC Power Adapter Instruction Manual

For Glacier Bay Touchless Kitchen Faucets and Compatible Devices

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit 6V AC/DC Power Adapter. This adapter is designed to provide a stable 6V DC, 1A power supply for compatible devices, including various Glacier Bay touchless kitchen faucet models such as YLS0121A-T060100, 67536-0508D2, and HD67495-1001. Please read these instructions thoroughly before use and retain them for future reference.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent electric shock, fire, or damage to the adapter or connected devices:

- Do not expose the adapter to water, rain, or excessive moisture.
- Do not disassemble or modify the adapter.
- Ensure the adapter is used within its specified input voltage range (100V-240V AC).
- Avoid using the adapter if the cord or plug is damaged.
- Keep the adapter away from heat sources and direct sunlight.
- Unplug the adapter from the power outlet when not in use for extended periods.
- This adapter features built-in protection mechanisms against short circuits, excess voltage, over-temperature, and overcurrent to ensure safe operation.

3. PRODUCT OVERVIEW

The Kircuit 6V AC/DC Power Adapter is a compact and reliable power supply unit. It converts standard AC wall power to a stable 6V DC output, suitable for various electronic devices.

3.1 Key Features

- **Input:** 100V-240V AC, 50/60Hz, 0.3A
- **Output:** 6V DC, 1A
- **Cable Length:** Approximately 6.5 feet (2 meters)
- **Protection:** Integrated Dynamic IC, Charger IC, and power fuse for rapid charging and overcharge protection.
- **Durable Design:** Power cable made of high-quality materials with thick insulation and abrasion resistance. The

cable is designed to withstand high temperatures.

- **Secure Plug:** The power cable plugs are designed for a secure and stable connection, capable of handling electrical loads without overheating.

3.2 Product Components



Front view of the Kircuit 6V AC/DC Power Adapter, showing input/output specifications.



The power adapter with its approximately 6.5-foot long output cord.

Durable design

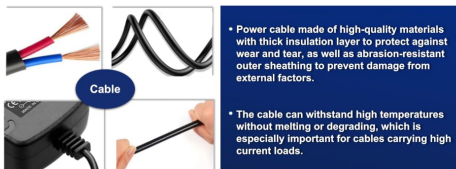


Diagram showing the adapter's built-in safety protections: short circuit, excess voltage, over-temperature, and overcurrent protection.

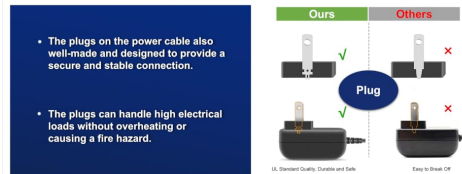


Illustration of the durable cable design, highlighting high-quality materials, thick insulation, and abrasion resistance.



Comparison showing the secure and stable design of the adapter's plug pins versus less stable alternatives.

4. SETUP

Follow these steps to set up your Kircuit 6V AC/DC Power Adapter:

1. **Verify Compatibility:** Ensure your device requires a 6V DC power input with a current draw of 1A or less, and that the connector type matches the adapter's barrel connector.
2. **Connect to Device:** Insert the barrel connector of the adapter's output cable into the power input port of your device.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100V-240V AC wall outlet or power strip.



The Kircuit power adapter connected to a power strip, ready for use with a device.

5. OPERATING INSTRUCTIONS

Once the adapter is properly connected to both the power outlet and your device, it will begin supplying power. No further user interaction is typically required for basic operation.

- Ensure the device is switched on if it has a power button.
- Monitor the device for proper function or charging indication.

6. MAINTENANCE

To ensure the longevity and optimal performance of your power 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 when not in use. Avoid wrapping the cable too tightly around the adapter body.
- **Inspection:** Periodically inspect the cable and plug for any signs of damage, such as fraying, cuts, or bent prongs. If damage is found, discontinue use immediately.

7. TROUBLESHOOTING

If you encounter issues with your Kircuit 6V AC/DC Power Adapter, refer to the following common problems and solutions:

- **Problem:** The device is not receiving power or not charging.
Solution:
 - a. Ensure the adapter is securely plugged into a working wall outlet. Test the outlet with another device.
 - b. Verify that the adapter's output connector is fully inserted into your device's power input port.

- c. Confirm that your device requires 6V DC power and that the current draw does not exceed 1A. Using an incompatible adapter can prevent operation or damage the device.
- d. Inspect the adapter's cable and connector for any visible damage. If damaged, discontinue use.

• **Problem:** The adapter feels excessively hot during operation.

Solution:

- a. Unplug the adapter immediately.
- b. Ensure the adapter is not covered or placed in an enclosed space that restricts airflow.
- c. Verify that the connected device's power requirements do not exceed the adapter's 1A output. Overloading can cause overheating.
- d. If overheating persists, discontinue use and contact support.

8. SPECIFICATIONS

Feature	Specification
Input Voltage	100V-240V AC
Input Frequency	50/60Hz
Input Current	0.3 Amps
Output Voltage	6V DC
Output Current	1 Amps
Connector Type	Barrel Connector
Cord Length	Approx. 6.5 feet (2 meters)
Item Weight	3.87 ounces (0.11 Kilograms)
Package Dimensions	4 x 3 x 1.5 inches
Special Feature	Portable, Travel

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Kircuit 6V AC/DC Power Adapter, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your purchase receipt as proof of purchase.

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.

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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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