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Kircuit IGS0-20

Kircuit AC Adapter User Manual

For Golumup Hydroponics Growing System IGS0-20 / IGS020

1. PRODUCT OVERVIEW

This Kircuit AC adapter is designed to provide reliable power to your Golumup Hydroponics Growing System, specifically models IGS0-20 and IGS020. It converts standard AC wall power into the DC power required by your device, enabling operation and battery charging (if applicable to the hydroponics system). The adapter features built-in protections for over voltage, over current, and short circuit conditions to ensure safe and efficient power delivery.



Image 1.1: Front view of the Kircuit AC Adapter, showing the power brick and attached DC barrel plug cable.

Key Features:

- **Universal Input Voltage:** 100-240VAC, 50/60Hz, suitable for worldwide use.
- **Safety Protections:** Includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP).
- **High Quality:** Designed for reliable and stable power delivery.
- **Compatibility:** Specifically tested and validated for Golumup Hydroponics Growing System 12 Pods Indoor Herb Garden Kit with 26W LED Grow Lights (IGS0-20, IGS020).

2. SETUP INSTRUCTIONS

Follow these steps to correctly set up your Kircuit AC Adapter with your Golumup Hydroponics Growing System.

1. **Inspect the Adapter:** Before use, visually inspect the AC adapter and its cable for any signs of damage. Do not use if damaged.
2. **Connect to Device:** Locate the power input port on your Golumup Hydroponics Growing System. Carefully insert the DC barrel plug of the Kircuit AC Adapter into this port. Ensure a snug and secure connection.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard electrical wall outlet (100-240V AC).

4. **Verify Power:** Once connected, your hydroponics system should receive power. Refer to your hydroponics system's manual for indicators of successful power connection (e.g., LED lights illuminating).



Image 2.1: The Kircuit AC Adapter connected to a power strip, demonstrating a typical setup.

3. OPERATING INSTRUCTIONS

The Kircuit AC Adapter operates automatically once connected. It provides continuous power to your Golumup Hydroponics Growing System.

- Ensure the adapter is always plugged into a functional power outlet and securely connected to your hydroponics system during operation.
- The adapter is designed for continuous use within its specified voltage and current limits.
- If you need to disconnect power, always unplug the adapter from the wall outlet first, then disconnect from the device.



Image 3.1: Two Kircuit AC Adapters shown from different perspectives, highlighting the compact design.

4. MAINTENANCE AND CARE

Proper care will extend the life of your AC 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:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Handling:** Do not drop, disassemble, or attempt to repair the adapter. Avoid placing heavy objects on the cable.
- **Environment:** Use the adapter in a well-ventilated area. Do not cover the adapter during operation, as this can lead to overheating.



Image 4.1: The Kircuit AC Adapter with its 6.5 ft cord, illustrating its reach for convenient placement.

5. TROUBLESHOOTING

If you encounter issues with your Kircuit AC 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 hydroponics system.
- Check if the wall outlet is functional by plugging in another device.
- Inspect the adapter cable and connector for any visible damage. If damaged, discontinue use.

- **Adapter Feels Hot:**

- It is normal for AC adapters to feel warm during operation.
- If the adapter is excessively hot to the touch, disconnect it immediately. Ensure it is not covered and is in a well-ventilated area.
- Verify that the hydroponics system is not drawing more power than the adapter's specifications.

- **Intermittent Power:**

- Check all connections for looseness.
- Ensure the power outlet is stable and not experiencing fluctuations.

If problems persist after following these steps, contact customer support for further assistance.

6. SPECIFICATIONS

Feature	Detail
Brand	Kircuit
Input Voltage	100-240V AC, 50/60Hz
Output Power	26W (Compatible with Golumup Hydroponics Systems requiring 26W)
Connector Type	Barrel Plug
Compatible Devices	Golumup Hydroponics Growing System 12 Pods Indoor Herb Garden Kit (IGS0-20, IGS020)
Special Features	OVP, OCP, SCP Protection
Color	Black
Power Source	Corded Electric

7. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the seller directly. Kircuit AC adapters are designed for reliability and are tested to ensure compatibility and safety.

For technical assistance or inquiries, please reach out to the manufacturer or authorized reseller.

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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