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Kircuit 90W 20V 4.5A AC/DC Adapter

Kircuit 90W 20V 4.5A AC/DC Adapter Instruction Manual

Compatible with Lenovo Legion Y27Q-20 and Y27gq-20 Monitors

Introduction

Thank you for choosing the Kircuit 90W 20V 4.5A AC/DC Adapter. This adapter is designed to provide reliable power to your compatible devices, specifically Lenovo Legion Y27Q-20 A19270QY2 65EEGAC1US and Y27gq-20 A19270QY1 65ECGAC1US 27-inch Widescreen IPS LED QHD Gaming Monitors. Please read this manual carefully before use to ensure proper operation and safety.

Setup Instructions

Follow these steps to correctly set up your AC/DC adapter:

1. **Unpack the Adapter:** Carefully remove the AC/DC adapter and its power cord from the packaging. Inspect for any visible damage.
2. **Connect the AC Power Cord:** Plug one end of the AC power cord into the adapter's AC input port.
3. **Connect to Power Outlet:** Plug the other end of the AC power cord into a standard electrical wall outlet (100-240VAC, 50/60Hz).
4. **Connect to Device:** Insert the DC output connector (slim square tip) of the adapter into the power input port of your compatible Lenovo Legion monitor. Ensure a secure connection.

Important Safety Note: *Always connect the adapter to the wall outlet first, then to your device. When disconnecting, remove the adapter from the wall outlet before disconnecting from your device.*



Image: The Kircuit 90W 20V 4.5A AC/DC Adapter showing its main body, detachable AC power cord, and the slim square DC output connector.

Operating Instructions

Once properly connected, the Kircuit AC/DC adapter will supply power to your compatible Lenovo Legion monitor. The adapter is designed for continuous operation within its specified voltage and current limits.

- **Power On:** After connecting the adapter to both the power outlet and your monitor, you can power on your monitor as usual.
- **Charging (if applicable):** If your device has a rechargeable battery, the adapter will automatically charge it while providing power.
- **Protection Features:** The adapter includes Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) to safeguard your device and the adapter itself.

Caution: *Do not use the adapter with devices that exceed its specified power requirements (90W, 20V, 4.5A) or have incompatible connector types. Doing so may damage the adapter or your device.*

Maintenance

To ensure the longevity and optimal performance of your Kircuit AC/DC adapter, follow these maintenance guidelines:

- **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 winding the cables to prevent damage.
- **Cable Care:** Regularly inspect the power cords for any signs of fraying, cuts, or damage. If any damage is found, discontinue use immediately and replace the cord or adapter.
- **Ventilation:** Ensure the adapter has adequate ventilation during operation. Do not cover it or place it in an enclosed space that could restrict airflow.

Troubleshooting

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

- **Adapter Not Supplying Power:**
  - Ensure both the AC power cord and the DC output connector are securely plugged into their respective ports.
  - Verify that the wall outlet is functional by plugging in another device.
  - Check for any visible damage to the adapter or cables. If damaged, discontinue use.
- **Device Not Charging/Powering On:**
  - Confirm that the adapter's specifications (voltage, current, connector type) match your device's requirements.
  - Try restarting your device.
- **Adapter Overheating:**
  - Ensure the adapter is in a well-ventilated area and not covered.
  - If overheating persists, disconnect immediately and contact support.

If these steps do not resolve the issue, please contact the seller or manufacturer for further assistance.

Specifications

Feature	Detail
Brand	Kircuit
Input Voltage	100-240VAC, 50/60Hz (World Wide Input)
Output Voltage	20V DC
Output Current	4.5A
Output Power	90W
Connector Type	Slim Square Tip (Barrel)
Protection Features	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Compatible Devices	Lenovo Legion Y27Q-20 A19270QY2 65EEGAC1US, Y27gq-20 A19270QY1 65ECGAC1US 27 inch Widescreen IPS LED QHD Gaming Monitor
Color	Black

Warranty Information

For specific warranty details regarding your Kircuit AC/DC adapter, please refer to the documentation provided at the time of purchase or contact the seller directly. Warranty terms typically cover manufacturing defects for a specified period from the purchase date.

Customer Support

If you require further assistance, have questions about your adapter, or need to report an issue, please contact the retailer or manufacturer through their official support channels. When contacting support, please have your product model information and purchase details readily available.

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Example: How do I reset this device or fix this error?

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