LKPower XY-1201000U

LKPower AC/DC Adapter User Manual

Model Series: XY-1201000U, XY-1201000-U, XY-1201000-E, XY12S-1201000Q-UZ, XY12S-1201000QUZ, XY125-1201000Q-UZ

Brand: LKPower

1. Introduction

This manual provides essential information for the safe and effective use of your LKPower AC/DC Adapter. This power supply is designed to convert alternating current (AC) from a wall outlet into direct current (DC) required by compatible electronic devices. Please read this manual thoroughly before using the adapter and retain it for future reference.

2. Important Safety Information

- **Electrical Safety:** Always ensure the adapter is connected to a properly grounded electrical outlet. Do not expose the adapter to water or excessive moisture.
- **Voltage Compatibility:** Verify that the voltage and current requirements of your device match the output specifications of this adapter (12V, 1A). Using an incompatible adapter may damage your device.
- **Overload Protection:** The adapter features over voltage and over heat protection. If the adapter becomes excessively hot, disconnect it immediately.
- **Cable Care:** Do not bend, twist, or pull the power cord excessively. Avoid placing heavy objects on the cord.
- **Indoor Use Only:** This adapter is intended for indoor use only.
- **Children:** Keep the adapter out of reach of children.

3. Product Overview

The LKPower AC/DC Adapter is a compact and reliable power solution. It features a standard AC plug for wall outlets and a barrel connector for device input.

Figure 3.1: The LKPower AC/DC Adapter, featuring a compact design and a coiled power cable, ready for use.

Figure 3.2: A detailed view of the LKPower AC/DC Adapter, showing its front face with input/output specifications and its ribbed side for heat dissipation.

4. Setup Instructions

Follow these steps to set up your LKPower AC/DC Adapter:

1. **Identify Device Port:** Locate the power input port on your electronic device. Ensure it is compatible with a barrel connector.
2. **Connect Adapter to Device:** Insert the barrel connector of the LKPower adapter firmly into your device's power input port.
3. **Plug into Outlet:** Insert the AC plug of the adapter into a standard electrical wall outlet (100-240V AC, 50/60Hz).
4. **Power On Device:** Once connected, power on your device as usual. The adapter will supply power or charge the battery.

Figure 4.1: The LKPower AC/DC Adapter connected to a power strip on a desk, demonstrating its compact size and how it fits into a typical workspace.

5. Operating Instructions

The LKPower AC/DC Adapter operates automatically once connected. It provides a stable 12V DC output to your connected device. No user interaction is required during operation beyond initial connection. The adapter is designed for continuous use within its specified operating parameters.

6. Care and Maintenance

- **Cleaning:** Disconnect the adapter from the power outlet and your device 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.
- **Inspection:** Periodically inspect the adapter and its cable for any signs of damage, such as frayed wires or cracked

casing. If damage is found, discontinue use immediately.

7. Troubleshooting

Problem	Possible Cause	Solution
Device not receiving power	Adapter not plugged in correctly Faulty power outlet Device power port issue Adapter malfunction	Ensure adapter is fully plugged into outlet and device. Test outlet with another device. Check device's power port for damage. If adapter is damaged, discontinue use.
Adapter is hot to the touch	Normal operation (slight warmth) Overload or internal fault	Slight warmth is normal. If excessively hot, disconnect immediately and check device's power requirements. Ensure proper ventilation.
Flickering power to device	Loose connection Damaged cable	Ensure all connections are secure. Inspect cable for damage. If damaged, discontinue use.

8. Technical Specifications

- **Input:** AC 100-240V, 50/60Hz (Worldwide AC Input)
- **Output:** 12V DC, 1A
- **Wattage:** 12W
- **Connector Type:** Barrel connector
- **Main Power Connector Type:** 2 Pin (US Standard)
- **Special Features:** Over Voltage Protection, Over Heat Protection
- **Cable Length:** Approximately 76 inches (193 cm)
- **Compatible Devices:** Devices requiring 12V 1A DC power with a compatible barrel connector, including models XY-1201000U, XY-1201000-U, XY-1201000-E, XY12S-1201000Q-UZ, XY12S-1201000QUZ, XY125-1201000Q-UZ.

Figure 8.1: An illustration detailing the physical dimensions of the LKPower AC/DC Adapter, including its length, width, and height, and cable length.

9. Warranty and Customer Support

LKPower products are manufactured to high quality standards. This product comes with a standard limited warranty against defects in materials and workmanship. For specific warranty details or technical assistance, please refer to the warranty card included with your purchase or contact LKPower customer support through the retailer where the product was purchased.

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.

Name

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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.

Submit question