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PKPOWER SUN-1200050

PK Power AC/DC Adapter Instruction Manual

Brand: PKPOWER | **Model:** SUN-1200050

1. Introduction

This manual provides essential information for the safe and effective use of your PK Power AC/DC Adapter, designed for Shenzhen Sunup Electronics SUN-1200050 Switching Power Supply. This adapter is engineered to provide reliable power with broad compatibility.

Key features include:

- **Input:** 100-240V 50-60Hz, suitable for worldwide use.
- **Certifications:** CE / FCC / RoHS certified, ensuring compliance with safety and environmental standards.
- **Protection Features:** Equipped with Over Voltage output Protection (OVP), Over Current output Protection (OCP), and Short Circuit output Protection (SCP) for enhanced safety.

2. Safety Information

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not expose the adapter to water or excessive moisture.
- Do not disassemble or modify the adapter.
- Ensure the adapter is used with devices that match its voltage and current specifications.
- Unplug the adapter from the power outlet when not in use for extended periods.
- Keep out of reach of children.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

3. Setup

3.1 Unpacking

Carefully remove the AC/DC adapter from its packaging. Inspect the adapter for any signs of damage. If any damage is observed, do not use the product and contact customer support.



Figure 1: Front view of the PK Power AC/DC Adapter, showing the main unit and coiled power cable.

3.2 Connection

1. **Identify the Device:** Ensure the device you intend to power requires a 12V DC input and has a compatible barrel connector. This adapter is specifically designed for Shenzhen Sunup Electronics SUN-1200050.
2. **Connect to Device:** Insert the barrel connector end of the adapter cable into the power input port of your device. Ensure a snug fit.
3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V AC wall outlet.



Figure 2: Side view of the PK Power AC/DC Adapter, highlighting the barrel connector.



Figure 3: Top view of the PK Power AC/DC Adapter, showing the two-pin AC prongs.

4. Operation

4.1 Basic Use

Once properly connected, the adapter will supply power to your device. There are no additional controls or settings on the adapter itself. The device connected to the adapter should power on or begin charging as expected.

- Ensure the device is compatible with the adapter's output specifications (voltage and current).
- Monitor the device to confirm it is receiving power.

5. Maintenance

Proper maintenance ensures the longevity and safe operation of your adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the cable and connector for any signs of wear, cuts, or damage. If damage is found, discontinue use and replace the adapter.

6. Troubleshooting

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

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Device not powering on/charging.	Adapter not fully plugged in; power outlet issue; incompatible device; damaged adapter.	Ensure adapter is securely plugged into both the device and the wall outlet. Test the outlet with another device. Verify device compatibility with adapter specifications. Inspect adapter for damage.
Adapter feels hot.	Normal operation (slight warmth); overloaded circuit; poor ventilation.	A slight warmth is normal. If excessively hot, unplug immediately. Ensure adequate ventilation around the adapter. Do not use with devices exceeding its power rating.
Flickering power to device.	Loose connection; faulty cable.	Check all connections for tightness. If the issue persists, the cable or adapter may be faulty and require replacement.

If troubleshooting steps do not resolve the issue, please contact customer support.

7. Specifications

Feature	Detail
ASIN	B06XJWJTM2
Date First Available	March 12, 2017
Manufacturer	PKPOWER
Brand	PKPOWER
Connector Type	Barrel Connector
Special Feature	Short Circuit Protection
Input Voltage	100-240 Volts AC
Specification Met	CE, FCC, RoHS
Power Source	Corded Electric
Main Power Connector Type	2 Pin (US Standard)
UPC	794959552405

8. Warranty and Support

PK-Power stands by the quality of its products. Your purchase is covered by our after-sale service.

- **Customer Service:** Our friendly and reliable customer service team is available to assist you. We aim to respond to all inquiries within 24 hours.
- **Returns and Replacements:** Please refer to the retailer's return policy for details on returns and replacements.

For further assistance or to explore other PKPOWER products, please visit the official PKPOWER Store:

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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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