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PKPOWER AC/DC Adapter for PHIHONG PSM11R-090

User Manual for PK Power AC/DC Adapter

Model: AC/DC Adapter for PHIHONG PSM11R-090

Brand: PKPOWER

1. Introduction

This manual provides essential information for the safe and efficient use of your PK Power AC/DC Adapter. Please read this manual thoroughly before using the product and retain it for future reference.
The PK Power AC/DC Adapter is designed to provide reliable power to compatible devices, specifically the PHIHONG PSM11R-090 and 46001810 power supply units. It features robust protection mechanisms to ensure the safety of your devices.

2. Product Overview



Figure 2.1: Front view of the PK Power AC/DC Adapter, showing the main unit, attached power cable, and a standard US two-prong plug. The adapter features an input rating of 100-240V AC, 0.3A, 50/60Hz, and is marked with FCC and CE certifications, indicating compliance with safety and electromagnetic compatibility standards. It is also labeled "MADE IN CHINA".



Figure 2.2: The PK Power AC/DC Adapter with key dimensions indicated. The main body measures approximately 2.92 inches in length, 1.58 inches in width, and 1.18 inches in height. These dimensions highlight its compact design, suitable for wall-

mounted use without obstructing adjacent outlets.



Figure 2.3: A close-up view of the label on the PK Power AC/DC Adapter. The label clearly states "AC Adapter", "Input: 100-240VAC 0.3A 50/60Hz", and includes FCC, CE, and other regulatory symbols. It also confirms the product is "MADE IN CHINA". This label provides crucial electrical specifications and compliance information.





Figure 2.4: Side profile of the PK Power AC/DC Adapter, showing the textured surface for grip and heat dissipation. The design is sleek and functional, ensuring the adapter can be easily plugged into wall outlets.





Figure 2.5: Top view of the PK Power AC/DC Adapter, highlighting the robust casing and the point where the output cable exits the unit. The design emphasizes durability and a compact form factor.

3. Specifications

Feature	Detail
Input Voltage	100-240V AC, 50-60Hz
Output Voltage	9V DC (for PHIHONG PSM11R-090)
Current Rating	0.3A (Input)
Connector Type	Barrel Connector
Compatible Devices	PHIHONG PSM11R-090, 46001810 Power Supply Units

Protection Features	OVP (Over Voltage Output Protection), OCP (Over Current Output Protection), SCP (Short Circuit Output Protection)
Certifications	CE, FCC, RoHS
Included Components	1 x AC Adapter
Mounting Type	Wall Mount

The adapter is designed to meet or exceed OEM specifications, ensuring reliable performance and safety for your compatible devices.

4. Setup

1. **Verify Compatibility:** Ensure that your device requires a power supply with specifications matching this adapter (e.g., PHIHONG PSM11R-090). Check your device's power input requirements.
2. **Inspect the Adapter:** Before use, visually inspect the adapter and its cable for any signs of damage, such as frayed wires, cracks, or bent pins. Do not use if damaged.
3. **Connect to Device:** Insert the barrel connector of the adapter firmly into the power input port of your compatible device. Ensure a snug fit.
4. **Connect to Power Outlet:** Plug the AC adapter into a standard 100-240V wall outlet. Ensure the outlet is easily accessible and not overloaded.
5. **Power On Device:** Once connected, power on your device as per its own instructions.

Important Safety Note:

- Do not force the connector into your device.
- Only use the adapter in dry indoor environments.
- Avoid plugging into outlets that are loose or damaged.

5. Operating Instructions

The PK Power AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable power supply to your equipment.

- **Continuous Power:** The adapter is designed for continuous operation, providing power to your device as long as it is plugged into a live outlet and connected to the device.
- **Protection Features:** The built-in OVP, OCP, and SCP protections automatically safeguard your device against voltage fluctuations, excessive current, and short circuits. If a protection mechanism is triggered, the adapter may temporarily cease to function to prevent damage. Disconnect and reconnect to reset if necessary, after addressing the underlying issue.
- **Heat Dissipation:** It is normal for the adapter to feel warm during operation. Ensure adequate ventilation around the adapter and do not cover it.

6. Maintenance and Care

Proper care and maintenance will extend the lifespan of your AC/DC adapter.

- **Cleaning:** Disconnect the adapter from the power outlet and the 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 winding the cable to prevent damage.
- **Handling:** Always grasp the plug when disconnecting from the wall outlet; do not pull by the cord. Avoid placing heavy objects on the cable or adapter.
- **Environmental Conditions:** Do not expose the adapter to water, high humidity, or extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
Device not powering on.	• Adapter not properly plugged in. • Wall outlet is not live. • Adapter or device is faulty. • Device is incompatible.	• Ensure adapter is fully inserted into both the wall outlet and the device. • Test the wall outlet with another known working appliance. • Try a different compatible adapter (if available) or test the device with its original power supply. • Verify device power requirements match adapter specifications.
Adapter feels excessively hot.	• Poor ventilation. • Overload or short circuit in the device. • Faulty adapter.	• Ensure adapter is in an open area with good airflow. Do not cover. • Disconnect the adapter immediately. Check the device for issues. • Discontinue use and contact customer support.
Flickering power or intermittent connection.	• Loose connection. • Damaged cable or connector.	• Ensure all connections are secure. • Inspect cable and connector for damage. If damaged, discontinue use.

If the problem persists after trying these solutions, please contact customer support.

8. Warranty and Support

Return Policy: This product is typically covered by a 30-day refund/replacement policy from the date of purchase. Please refer to your retailer's specific return policy for detailed terms and conditions.
Customer Service: For any questions, technical assistance, or warranty claims, please contact PK-Power customer service. Our friendly and reliable customer service team aims to respond within 24 hours.
You can often find contact information on the product packaging or through the retailer's website where you purchased the item. For purchases made on Amazon, you can visit the PKPOWER Store on Amazon.

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