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PKPOWER S012BU1200100

PK Power 12V AC/DC Adapter for West Marine S012BU1200100 Instruction Manual

Model: S012BU1200100

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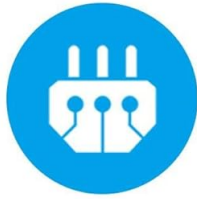
1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your PK Power 12V AC/DC Adapter, specifically designed for West Marine S012BU1200100 12VDC Switching Power Supply. Please read this manual thoroughly before use and retain it for future reference.

Multiple Protection Designed



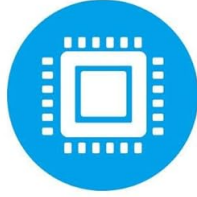
Over voltage
protection



Over current
protection



Over temperature
protection



Quality
microchip



Electromagnetic
wave protection



Short circuit
protection



Image: Front view of the PK Power 12V AC/DC Adapter, showing the main unit and attached power cord.

2. SAFETY INFORMATION

WARNING: To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions.

- Ensure the adapter's input voltage (100-240V AC) matches your power outlet's voltage.
- Do not expose the adapter to rain, moisture, or extreme temperatures.
- Do not disassemble or modify the adapter. Refer all servicing to qualified personnel.
- Keep the adapter away from heat sources and direct sunlight.
- Always unplug the adapter from the power outlet when not in use or before cleaning.
- This adapter is equipped with Over Voltage Protection (OVP), Over Current Protection (OCP), and Short Circuit Protection (SCP) for enhanced safety.



Image: Diagram illustrating the multiple protection features of the PK Power adapter, including over voltage, over current, over temperature, quality microchip, electromagnetic wave protection, and short circuit protection.

3. SETUP INSTRUCTIONS

1. **Unpack the Adapter:** Carefully remove the PK Power AC/DC adapter from its packaging. Inspect it for any signs of damage.
2. **Verify Compatibility:** Ensure that the device you intend to power requires a 12V DC input and that its power port is compatible with the adapter's connector. This adapter is designed for West Marine S012BU1200100 12VDC Switching Power Supply.
3. **Connect to Device:** Plug the adapter's DC output connector into the corresponding power input port on your device.
4. **Connect to Power Outlet:** Insert the adapter's AC plug into a standard 100-240V AC wall outlet.
5. **Power On:** Once connected, your device should receive power.

4. OPERATING THE ADAPTER

The PK Power AC/DC adapter is designed for continuous operation within its specified voltage and current limits. It functions as a power source for compatible electronic devices.

- **Normal Use:** Once connected, the adapter provides stable 12V DC power to your device.

- **Worldwide Voltage Use:** The adapter supports input voltages from 100V to 240V AC, making it suitable for international travel with appropriate plug adapters (not included).
- **Disconnection:** To disconnect, first power off your device if applicable, then unplug the adapter from the wall outlet, and finally disconnect the DC connector from your device.

5. MAINTENANCE AND CARE

- **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 aerosols.
- **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.
- **Inspection:** Periodically inspect the adapter and its cables for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is found, discontinue use immediately and replace the adapter.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	<ul style="list-style-type: none"> • Adapter not properly plugged into outlet. • DC connector not fully inserted into device. • Power outlet is not active. • Device requires different voltage/current. • Damaged adapter or cable. 	<ul style="list-style-type: none"> • Ensure adapter is securely plugged into a working wall outlet. • Check the connection between the adapter and your device. • Test the outlet with another device. • Verify device's power requirements match adapter's output (12V DC). • Inspect adapter and cable for damage. Replace if damaged.
Adapter feels hot during use.	<ul style="list-style-type: none"> • Normal operation (slight warmth). • Overload or poor ventilation. 	<ul style="list-style-type: none"> • A slight warmth is normal. • Ensure the adapter is not covered and has adequate airflow. If it's excessively hot, disconnect immediately and contact support.

7. SPECIFICATIONS

Model: S012BU1200100

Brand: PKPOWER

Input: 100-240V AC, 50/60Hz

Output: 12V DC

Compatibility: Designed for West Marine S012BU1200100 12VDC Switching Power Supply

Connector Type: Auxiliary (Barrel Connector)

Main Power Connector Type: 2 Pin (US Standard)

Mounting Type: Wall Mount

Color: Black

Certifications: CE, FCC, RoHS

Protection Features: Over Voltage Protection (OVP), Over Current Protection (OCP), Short Circuit Protection (SCP)



Image: Dimensions of the PK Power AC/DC Adapter, showing measurements of 1.18in, 1.58in, 2.92in for the adapter body, and a total cable length of 1.2m/4ft.

8. WARRANTY INFORMATION

This PK Power adapter comes with a **1-year manufacturer's warranty** from the date of purchase.

This warranty covers defects in materials and workmanship under normal use.

The warranty does not cover damage caused by:

- Accident, abuse, misuse, or improper installation.
- Unauthorized repairs or modifications.
- Operating outside the specified environmental conditions.

Please retain your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For technical assistance, warranty claims, or any questions regarding your PK Power adapter, please contact our customer service team.

Our friendly and reliable customer service will respond to you within 24 hours.

You can typically find contact information on the product packaging or through the retailer where the product was purchased. For general inquiries, visit the [PKPOWER Store on Amazon](#).