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PKPOWER AC Adapter

PKPOWER AC Adapter Instruction Manual

For Power Smith 20W Rechargeable LED Work Light Models PWLR1110M and PWLR1120F

1. Introduction

This manual provides essential instructions for the safe and effective use of your PKPOWER AC Adapter. This adapter is designed to provide power to compatible devices, specifically the Power Smith 20W Rechargeable LED Work Light models PWLR1110M and PWLR1120F. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

Always observe the following safety precautions to prevent injury or damage to the product and connected devices:

- Ensure the adapter's input voltage range (100-240V) matches your power outlet specifications.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impact.
- Do not attempt to open, modify, or repair the adapter. Refer servicing to qualified personnel.
- Use only with compatible devices as specified in this manual. Using with incompatible devices may cause damage.
- Unplug the adapter from the power outlet when not in use or during electrical storms.
- Keep out of reach of children.

This product is CE / FCC / RoHS certified, ensuring it meets safety and environmental standards.

3. Product Overview

The PKPOWER AC Adapter is a reliable power supply unit designed for specific rechargeable LED work lights. It features built-in protection mechanisms to ensure safe operation.

3.1. What's in the Box

- 1 x 2-Pin AC Adapter

3.2. Key Features

- **Input Volt Range:** 100-240V (Worldwide Compliant)
- **Safety Certifications:** CE / FCC / RoHS certified
- **Protection Features:** OVP (Over Voltage output Protection), OCP (Over Current output Protection), SCP (Short Circuit output Protection)
- **Connector Type:** Barrel connector
- **Design:** Compact and suitable for travel

3.3. Product Visuals



Figure 1: Front view of the PKPOWER AC Adapter with its integrated power cord. The adapter features a standard 2-pin US plug and a barrel connector at the end of the cord.



Figure 2: The PKPOWER AC Adapter shown with its approximate dimensions: 2.92 inches in length, 1.58 inches in width, and 1.18 inches in height.



Figure 3: An angled view of the PKPOWER AC Adapter, highlighting the textured casing and the connection point for the power cord.

4. Setup

Follow these steps to set up your PKPOWER AC Adapter:

1. **Verify Compatibility:** Ensure your device, such as the Power Smith 20W Rechargeable LED Work Light (models PWLR1110M or PWLR1120F), is compatible with this AC adapter.
2. **Inspect Adapter:** Before use, visually inspect the adapter and its cable for any signs of damage. Do not use if damaged.
3. **Connect to Device:** Insert the barrel connector of the AC adapter firmly into the charging port of your compatible device.
4. **Connect to Power Outlet:** Plug the 2-pin AC plug of the adapter into a standard 100-240V wall power outlet.
5. **Confirm Connection:** Once connected, your device should indicate that it is receiving power or charging (e.g., a charging indicator light).

5. Operating Instructions

The PKPOWER AC Adapter functions as a power supply and charger for compatible devices. Its operation is straightforward:

- Once properly connected to a power outlet and a compatible device, the adapter will automatically supply power or initiate charging.
- The adapter is designed for continuous use within its specified parameters.
- Monitor your device's charging indicator to determine charging status.
- Disconnect the adapter from the device and the wall outlet when charging is complete or when the device is not in use for extended periods.

6. Maintenance

Proper maintenance ensures the longevity and safe operation of your AC adapter:

- **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:** 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 cable and connectors for any signs of wear, fraying, or damage. If damage is observed, discontinue use immediately.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Device not charging/powering on.	Adapter not properly plugged in. Device not compatible. Power outlet is not active. Damaged adapter or cable.	Ensure all connections are secure. Verify device compatibility (e.g., Power Smith PWLR1110M/PWLR1120F). Test the power outlet with another device. Inspect adapter for damage; discontinue use if damaged.
Adapter feels unusually hot.	Normal operation (slight warmth is common). Overload or short circuit. Poor ventilation.	If excessively hot, unplug immediately. Ensure adapter is not covered and has adequate airflow. Verify device compatibility and ensure no short circuits.

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

8. Specifications

Feature	Detail
Brand	PKPOWER
Input Voltage	100-240V AC, 50/60Hz

Feature	Detail
Wattage	20 Watts (Max)
Connector Type	Barrel Connector
Color	Black
Item Weight	3 ounces
Included Components	1 x 2-Pin AC Adapter
Certifications	CE / FCC / RoHS
Protection	OVP, OCP, SCP

9. Compatibility

This PKPOWER AC Adapter is specifically designed as a replacement power supply for the following devices:

- Power Smith 20W Rechargeable LED Work Light Model PWLR1110M
- Power Smith 20W Rechargeable LED Work Light Model PWLR1120F

For optimal performance and safety, only use this adapter with the listed compatible models.

10. Warranty and Support

PKPOWER products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, typically, manufacturers offer a limited warranty against defects in materials and workmanship.
For customer support, technical assistance, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official PKPOWER website. Our friendly and reliable customer service team aims to respond to inquiries within 24 hours.

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