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UPBRIGHT PPS500 Portable Power Station Supply

UpBright AC/DC Adapter Instruction Manual

For Pulsar PPS500 Portable Power Station

Introduction

This manual provides essential instructions for the safe and efficient use of your UpBright AC/DC Adapter, designed specifically for compatibility with the Pulsar PPS500 Portable Power Station. Please read this manual thoroughly before use and retain it for future reference.

Safety Precautions

- Ensure the adapter is used only with compatible devices, specifically the Pulsar PPS500 Portable Power Station.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impact.
- Do not attempt to disassemble or modify the adapter. This will void the warranty and may cause damage or injury.
- Keep out of reach of children.
- Disconnect the adapter from the power outlet when not in use or during electrical storms.

Package Contents

Verify that your package contains the following items:

- UpBright AC/DC Adapter
- Power Cord (integrated)



Image: The UpBright AC/DC Adapter, showing the main unit and its integrated power cord with a barrel connector.

Setup

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

1. **Inspect the Adapter:** Before connecting, visually inspect the adapter and its cable for any signs of damage. Do not use if damaged.
2. **Connect to Power Station:** Locate the DC input port on your Pulsar PPS500 Portable Power Station. Insert the barrel connector of the UpBright AC/DC Adapter firmly into this port.
3. **Connect to Wall Outlet:** Plug the AC plug of the adapter into a standard 100-240V AC wall outlet. Ensure the outlet is easily accessible.



Image: The UpBright AC/DC Adapter with its AC plug inserted into a wall outlet, ready for use.



Image: A side view of the UpBright AC/DC Adapter, highlighting its compact design and barrel connector.

Operating Instructions

Once the adapter is properly connected, it will begin charging your Pulsar PPS500 Portable Power Station.

- The charging indicator on your Pulsar PPS500 Portable Power Station should illuminate, indicating that charging is in progress. Refer to your power station's manual for specific charging indicators.
- The adapter is designed to provide a stable 12V output at 2.5A, suitable for the 518Wh Lithium-Ion battery of the PPS500.
- Charging time will vary depending on the current charge level of the power station's battery.
- The adapter features built-in multi-protection mechanisms to ensure safe charging.



Image: A Pulsar PPS500 Portable Power Station, illustrating the device the adapter is designed to charge. The power station itself is not included with the adapter.



Image: Diagram illustrating the multi-protection features of the UpBright AC/DC Adapter, including over-temperature, over-voltage, over-current, over-charge, short circuit, and over-load protection.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your adapter.

- **Cleaning:** Disconnect the adapter from both the power station and the wall outlet before cleaning. Use a soft, dry cloth to wipe the surface. 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.

- **Cable Care:** Do not bend, twist, or pull the cable excessively. Ensure the cable is not pinched or placed under heavy objects.

Troubleshooting

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

Problem	Possible Cause	Solution
Adapter not charging the power station.	◦ Loose connection. ◦ No power from wall outlet. ◦ Damaged adapter or cable. ◦ Incompatible device.	◦ Ensure all connections are secure. ◦ Test the wall outlet with another device. ◦ Inspect adapter and cable for damage. If damaged, discontinue use. ◦ Confirm the power station is a Pulsar PPS500.
Adapter feels excessively hot.	◦ Normal operation (slight warmth). ◦ Poor ventilation. ◦ Overload or internal fault.	◦ A slight warmth is normal during operation. ◦ Ensure the adapter is in a well-ventilated area. ◦ If excessively hot, disconnect immediately and contact support.
Power station not recognizing the adapter.	◦ Incorrect input voltage/current. ◦ Faulty power station port.	◦ Verify the adapter specifications match the power station's requirements. ◦ Test the power station's input port with another known working charger if available.

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

Specifications

Brand	UPBRIGHT
Compatible Device	Pulsar PPS500 Portable Power Station
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	12V DC
Output Current	2.5A
Connector Type	Barrel Connector
Product Dimensions (L x W x H)	4 x 2 x 2 inches (Adapter unit only)
Item Weight	6 ounces
Protections	Over Temperature, Over Voltage, Over Current, Over Charge, Short Circuit, Over Load Protection

Warranty & Support

UpBright products are designed for reliability and performance. For warranty information or technical support, please refer to the

contact details provided with your purchase or visit the official UpBright website.

Manufacturer: UpBright

ASIN: B0DSS3KTK2

For further assistance, please contact your retailer or the manufacturer directly.

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