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› onerbl /

› onerbl AC-DC Adapter for Powdeom PEP-S300 Series Portable Power Stations - User Manual

onerbl HJ-2404000

onerbl AC-DC Adapter User Manual

Model: HJ-2404000 (Compatible with Powdeom PEP-S300, PEPS300, EV300 Portable Power Stations)

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your onerbl AC-DC Adapter. This adapter is designed to provide power to or charge compatible portable power stations, specifically the Powdeom PEP-S300, PEPS300, and EV300 models. Please read this manual thoroughly before use and retain it for future reference.

2. PRODUCT OVERVIEW

The onerbl AC-DC Adapter converts standard AC wall power into the DC power required by your compatible portable power station. It features a barrel connector for device connection and a standard two-prong plug for the AC outlet.



Figure 2.1: The onerbl AC-DC Adapter. This image shows the main adapter unit with its integrated output cable and the detachable AC input cable.

2.1 Components

- **AC-DC Adapter Unit:** The main power conversion unit.
- **DC Output Cable:** Permanently attached to the adapter unit, with a barrel connector for the power station.
- **AC Input Cable:** Detachable cable connecting the adapter unit to the wall outlet.

Cable Length: 127.8 inch

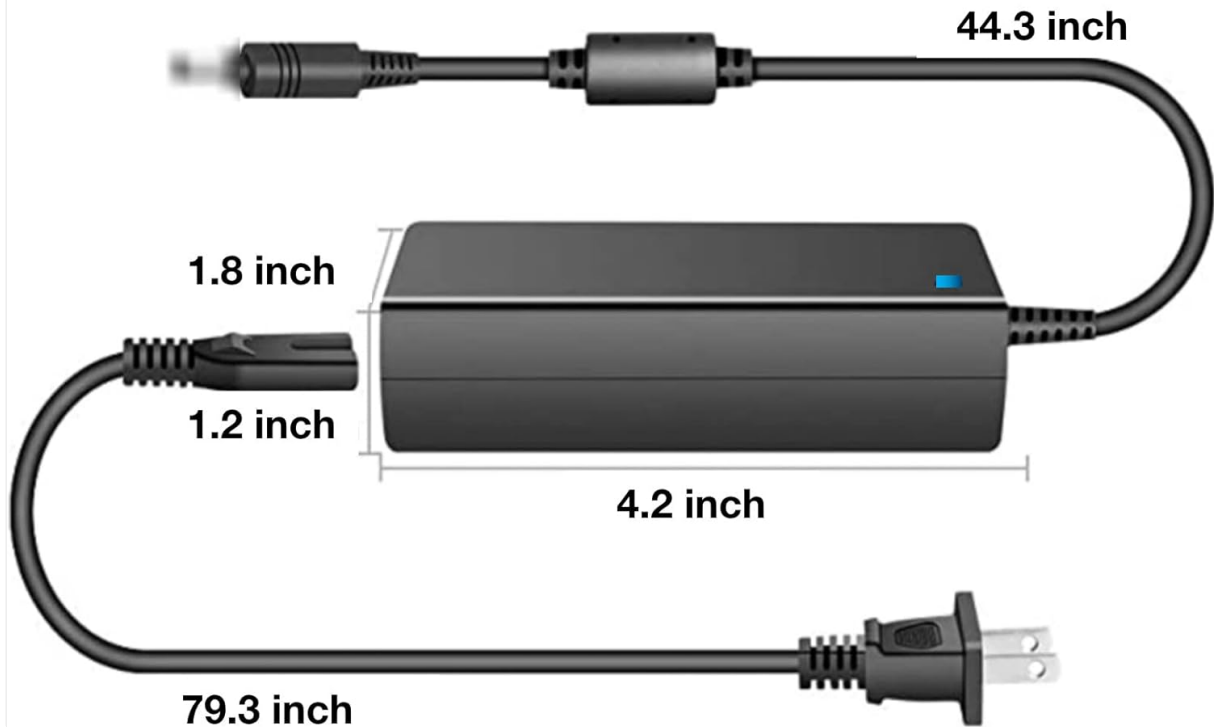


Figure 2.2: Dimensions of the AC-DC Adapter. The adapter unit measures approximately 4.2 inches in length and 1.8 inches in width. The total cable length is approximately 127.8 inches, with the DC output cable being 44.3 inches and the AC input cable being 79.3 inches.



Figure 2.3: The detachable AC input power cord. This cable connects the adapter to a standard wall outlet.

3. SETUP INSTRUCTIONS

1. **Connect AC Input Cable:** Insert the female end of the AC input cable firmly into the corresponding port on the AC-DC adapter unit.
2. **Connect DC Output Cable:** Plug the barrel connector of the DC output cable into the DC input port

of your Powdeom PEP-S300, PEPS300, or EV300 portable power station. Ensure a secure connection.

3. **Connect to Power Outlet:** Insert the two-prong plug of the AC input cable into a standard 110V AC electrical wall outlet.
4. **Verify Connection:** A blue indicator light on the adapter unit typically illuminates when power is supplied, indicating proper connection and operation.



Figure 3.1: The AC-DC Adapter connected to a wall outlet and a portable power station. The blue indicator light on the adapter is visible, signifying active power delivery.

4. OPERATING INSTRUCTIONS

Once properly connected, the adapter will begin to supply power to or charge your compatible portable power station. The charging status of your power station will typically be indicated on the power station's display or indicator lights.

- Ensure the adapter is placed in a well-ventilated area during operation to prevent overheating.
- Disconnect the adapter from the wall outlet and the power station when not in use for extended periods.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AC-DC adapter, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or crimping the cables excessively. Do not place heavy objects on the cables.
- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires or cracked casings. Discontinue use if damage is found.

6. TROUBLESHOOTING

- **Adapter Not Supplying Power:**
 - Ensure all cable connections are secure at both the wall outlet and the power station.
 - Verify the wall outlet is functional by testing it with another device.
 - Check for any visible damage to the adapter or cables.
- **Power Station Not Charging:**
 - Confirm the adapter's specifications match the power requirements of your specific Powdeom power station model.
 - **Important Note:** Rechargeable batteries have a finite lifespan, typically 1 to 3 years. If the power station's internal battery is damaged or has reached the end of its life, it may not accept a charge, even with a functional adapter. This is a characteristic of the battery, not a fault of the charger.

7. SPECIFICATIONS

Feature	Specification
Brand	onerbl
Manufacturer	Shenzhen Waweis Technology Co., Ltd
Input Voltage	110 Volts (AC)
Output Voltage / Current	24.0V / 4.0A (96.0W)
Compatible Devices	Powdeom PEP-S300, PEPS300, EV300 Portable Power Station
Connector Type	Barrel Connector
Special Feature	Short Circuit Protection
Color	Black
Power Source	Corded Electric

8. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage to the adapter or connected devices:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Do not disassemble or attempt to repair the adapter. Refer servicing to qualified personnel.
- Ensure the adapter is used with devices that match its voltage and current specifications.
- Keep the adapter away from children and pets.
- Unplug the adapter during lightning storms or when unused for long periods.
- The adapter is equipped with **Short Circuit Protection** for enhanced safety.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact onerbl customer service through the retailer where the product was acquired.