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onerbl 24V AC-DC Adapter

onerbl 24V AC-DC Adapter for OSCAL PowerMax 700 Portable Power Station User Manual

Brand: onerbl | **Model:** 24V AC-DC Adapter

1. Introduction

Thank you for choosing the onerbl 24V AC-DC Adapter. This power supply is designed to provide reliable power to your OSCAL PowerMax 700 Portable Power Station, enabling both operation and battery charging from standard electrical outlets. Manufactured with high-quality materials, this adapter ensures efficient and safe power conversion from AC to DC, meeting the specific power requirements of your device.

Please read this manual thoroughly before using the adapter to ensure proper operation and to prevent damage to the product or your device.

2. Product Features

- High-quality replacement AC wall power charger adapter.
- Compatible with OSCAL PowerMax 700 Portable Power Station (666Wh, 700W, 1400W Peak) Solar Generator.
- Input: DC IN 12-28V, 150W Max. Output: 24VDC.
- Equipped with Over Voltage Protection for enhanced safety.
- Features Over Heat Protection to prevent overheating.
- Tested units ensure reliable and consistent performance.

3. Setup Instructions

Follow these steps to properly set up your onerbl 24V AC-DC Adapter:

1. **Unpack the Adapter:** Carefully remove the AC-DC adapter and its power cord from the packaging.
2. **Connect the Power Cord:** Insert the AC input end of the power cord into the adapter's AC input port. Ensure a secure connection.



Figure 3.1: The AC power cord, which connects the adapter to a wall outlet.

3. **Connect to Power Station:** Plug the DC output connector of the adapter into the DC input port of your OSCAL PowerMax 700 Portable Power Station.
4. **Connect to Wall Outlet:** Insert the AC plug of the power cord into a standard electrical wall outlet.



Figure 3.2: The onerbl AC-DC adapter properly connected to a wall outlet and ready to power a device.

Once connected, the adapter's indicator light (if present) should illuminate, indicating that power is being supplied.

4. Operation

The onerbl 24V AC-DC Adapter operates automatically once connected. It converts the AC power from your wall outlet into the appropriate DC voltage required by your OSCAL PowerMax 700 Portable Power Station.

- **Powering the Device:** When connected, the adapter will supply continuous power to your Power Station, allowing it to operate.
- **Charging the Battery:** If your Power Station's battery is not full, the adapter will also initiate charging. The charging status will typically be indicated by your Power Station's display or indicator lights.
- **Indicator Light:** A blue LED indicator on the adapter signifies that it is receiving power and functioning correctly.

5. Safety Information

To ensure safe operation and prolong the life of your adapter, please observe the following safety guidelines:

- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Ventilation:** Ensure the adapter has adequate ventilation. Do not cover it or place it in an enclosed space where heat cannot dissipate.
- **Avoid Water:** Keep the adapter away from water, liquids, and high humidity.
- **Correct Voltage:** Only connect the adapter to power outlets that provide the specified voltage (100-240V AC).
- **Handle with Care:** Do not drop, disassemble, or attempt to repair the adapter yourself. Refer all servicing to qualified personnel.
- **Cable Integrity:** Regularly inspect the power cord for any signs of damage. Do not use if the cord is frayed or damaged.
- **Children and Pets:** Keep the adapter and its cables out of reach of children and pets.
- **Unplug When Not in Use:** Disconnect the adapter from the wall outlet when not in use for extended periods.

6. Specifications

Detailed technical specifications for the onerbl 24V AC-DC Adapter:

Feature	Specification
Product Type	AC-DC Adapter
Input Voltage	100-240V AC, 50/60Hz
Output Voltage	24V DC
Max Power Output	150W
Compatibility	OSCAL PowerMax 700 Portable Power Station
Safety Features	Over Voltage Protection, Over Heat Protection
ASIN	B0D25PDVZW
Manufacturer	Shenzhen Waweis Technology Co., Ltd



Figure 6.1: Dimensions of the onerbl AC-DC adapter and its cables. Total cable length is approximately 127.8 inches.

7. Troubleshooting

If you encounter issues with your onerbl 24V AC-DC Adapter, please refer to the following common troubleshooting steps:

- **Adapter Not Supplying Power:**
  - Ensure the adapter is securely plugged into a working wall outlet.
  - Verify that the DC output connector is firmly inserted into the Power Station's input port.
  - Check if the adapter's indicator light is illuminated. If not, try a different wall outlet.
  - Inspect the power cord and adapter for any visible damage. Do not use if damaged.
- **Power Station Not Charging:**
  - Confirm the adapter is providing power (indicator light is on).
  - Check the Power Station's manual for specific charging instructions and indicators.
  - Ensure the Power Station's battery is not already full.

- **Adapter Overheating:**
  - Unplug the adapter immediately.
  - Ensure it is placed in a well-ventilated area, away from direct sunlight or heat sources.
  - Do not cover the adapter during use.
  - If overheating persists, discontinue use and contact support.

8. Maintenance

Proper maintenance helps ensure the longevity and performance of your adapter:

- **Cleaning:** Disconnect the adapter from the power source 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 cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of wear, cuts, or damage. Replace if necessary.

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the seller directly. Keep your purchase receipt as proof of purchase.

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