

OLTEANP 3000W

OLTEANP 3000W Step Up/Down Voltage Transformer Power Converter User Manual

Model: 3000W

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your OLTEANP 3000W Step Up/Down Voltage Transformer Power Converter. This device is designed to convert electrical voltage between 100-120V and 220-240V, allowing you to use appliances from different regions. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- **Read All Instructions:** Before operating the converter, read all safety and operating instructions.
- **Proper Ventilation:** Ensure the converter is placed in a well-ventilated area. Do not block ventilation openings.
- **Avoid Moisture:** Do not expose the converter to rain, moisture, or excessive humidity. Do not operate with wet hands.
- **Indoor Use Only:** This converter is designed for indoor use.
- **Grounding:** Ensure the converter is properly grounded.
- **Load Capacity:** Do not exceed the rated wattage of the converter (3000W). Overloading can cause damage to the unit and connected appliances. For continuous use, it is recommended to use appliances with a Maximum Power Consumption (MPC) between 1050 and 2250 watts.
- **Appliance Compatibility:** Ensure your appliance's wattage is within the converter's capacity. The converter changes voltage, not frequency (Hz). If your appliance is not compatible with 50/60Hz, it may affect its operation.
- **Unplug When Not in Use:** Disconnect the converter from the power source when not in use.
- **Children and Pets:** Keep the converter out of reach of children and pets.
- **Servicing:** Do not attempt to service the converter yourself. Refer all servicing to qualified service

personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x OLTEANP 3000W Voltage Transformer Power Converter
- 1 x User Manual (this document)

4. PRODUCT FEATURES

The OLTEANP 3000W Voltage Transformer Power Converter offers the following key features:

- **Automatic Voltage Detection:** The converter automatically identifies the input voltage (100-120V or 220-240V) and provides the correct output. No manual selection is required.
- **Heavy-Duty Construction:** Features a durable metal casing and stable internal components for reliable and safe operation.
- **Step Up/Down Functionality:** Converts 100-120V to 220-240V and 220-240V to 100-120V.
- **Multiple Output Sockets:** Equipped with 3 US standard sockets for 100-120V appliances and 3 universal sockets for 220-240V appliances (compatible with most plug types, excluding large South African plugs).
- **Integrated Fuse Protection:** A resettable circuit breaker protects the converter and connected devices from over-current or overload conditions.
- **LCD Display Screen:** Provides real-time display of input voltage, output voltage, and power-on status. It can also show trouble codes for diagnostics.
- **Quiet Operation:** Designed to operate without annoying buzzing noises.

AUTO TRANSFORM VOLTAGE

No need to select input voltage power source



Image 4.1: Overview of the OLTEANP 3000W Voltage Converter highlighting its key features including LCD screen, ease of use, quiet operation, multiple protections, voltage outputs, and portable handle. A coffee machine is shown connected to the converter.

5. SETUP

- 1. Unpack the Converter:** Carefully remove the converter from its packaging. Inspect it for any signs of damage.
- 2. Placement:** Place the converter on a stable, flat surface in a well-ventilated area. Ensure there is adequate space around the unit for air circulation.
- 3. Connect to Power Source:**
 - The converter is equipped with a US power cord. Plug this cord into a standard 100-120V or 220-240V wall outlet. The converter will automatically detect the input voltage.
 - **Note for 220-240V Countries:** If you are in a 220-240V country and the wall outlet does not accept the US plug, you **MUST** use a suitable plug adapter (not included).



Image 5.1: The OLTEANP 3000W Voltage Converter's US power cord being plugged into a wall outlet. A note indicates that a plug adapter is required for use in 220-240V countries if the US plug is incompatible.

4. Connect Appliances:

- For 100-120V appliances, plug them into the 3 US standard sockets labeled '100V-120V OUTPUT'.
- For 220-240V appliances, plug them into the 3 universal sockets labeled '220V-240V OUTPUT'.
- Ensure the total wattage of all connected appliances does not exceed the converter's rated capacity.



Image 5.2: The OLTEANP 3000W Voltage Converter in a home setting, demonstrating its use with various appliances such as a hairdryer, TV, coffee machine, refrigerator, and bread machine, illustrating its wide range of applications.

6. OPERATING INSTRUCTIONS

1. **Powering On:** After connecting the converter to the power source and your appliances, switch the ON/OFF button to the 'ON' position. The LCD display will illuminate.

Pon IIIII: POWERING ON

Please note that our converters automatically detect the input voltage connected to the transformer, not the output voltage used by the load sockets



Image 6.1: The OLTEANP 3000W Voltage Converter with its power switch in the 'ON' position, showing the illuminated LCD display. A laptop is visible in the background, suggesting a typical usage scenario.

- 2. Understanding the LCD Display:** The LCD screen will show the detected input voltage and the corresponding output voltage. This confirms the converter is functioning correctly.
- 3. Voltage Conversion:** The converter automatically performs step-up (100-120V to 220-240V) or step-down (220-240V to 100-120V) conversion based on the input voltage it detects. You do not need to manually select the conversion mode.

STEP UP & STEP DOWN VOLTAGE CONVERTER



Image 6.2: An illustration demonstrating the step-up (100-120V to 220-240V) and step-down (220-240V to 100-120V) capabilities of the OLTEANP 3000W Voltage Converter, with various kitchen appliances in the background.

4. **Powering Off:** To turn off the converter, switch the ON/OFF button to the 'OFF' position. Disconnect appliances before unplugging the converter from the wall outlet.

7. MAINTENANCE

- **Cleaning:** Ensure the converter is unplugged before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, store the converter in a cool, dry place, away from direct sunlight and moisture.
- **Fuse Reset:** If the converter shuts down due to over-current or overload, the 'FUSE' button on the back of the unit will pop up. Reduce the load by unplugging some appliances, then press the 'FUSE' button to reset the circuit.



PREMIUM FUSE PROTECTION

No need to replace the fuses



When the voltage transformer is overloaded or experiences over-current, the 'FUSE' button will pop up. At this point, you need to reduce the load and then press the 'FUSE' button to reset it.

Image 7.1: A close-up view of the rear of the OLTEANP 3000W Voltage Converter, highlighting the 'FUSE' button for premium fuse protection. Text explains that the button will pop up during overload and needs to be pressed to reset.

8. TROUBLESHOOTING

If you encounter issues with your OLTEANP Voltage Transformer, refer to the following common problems and solutions:

- **Converter Not Powering On:**

- Ensure the power cord is securely plugged into both the converter and the wall outlet.
- Check if the wall outlet is functional by plugging in another device.
- Verify the ON/OFF switch is in the 'ON' position.

- **No Output Voltage / Appliances Not Working:**

- Check if the 'FUSE' button on the back of the converter has popped out. If so, reduce the connected load and press the button to reset.
- Ensure appliances are plugged into the correct voltage output sockets (100-120V or 220-240V).
- Confirm the total wattage of connected appliances does not exceed the converter's capacity.

- **LCD Display Shows Error Code:**

- Refer to the specific error code displayed on the screen. While this manual does not list all codes, common issues relate to overload or input voltage irregularities. Try resetting the unit by powering it off and on.

- **Appliance Malfunctioning (e.g., unusual noise, overheating):**

- The converter changes voltage but not frequency (Hz). If your appliance requires a specific frequency (e.g., 50Hz only or 60Hz only) and is not compatible with the local grid's frequency, it may not operate correctly.
- Immediately disconnect the appliance and the converter. Consult the appliance's manual for frequency requirements.

9. SPECIFICATIONS

| Feature | Specification |
|--------------------|--|
| Model | 3000W |
| Power Capacity | 3000VA (Watts) |
| Input Voltage | 100-120V AC or 220-240V AC (Auto-detect) |
| Output Voltage | 100-120V AC and 220-240V AC |
| Output Sockets | 3 x US Standard 100-120V, 3 x Universal 220-240V |
| Frequency | 50/60Hz (No frequency conversion) |
| Item Weight | 4.4 pounds |
| Package Dimensions | 12.87 x 10.63 x 7.52 inches |
| Manufacturer | OLTEANP |
| ASIN | B0FL231PC7 |

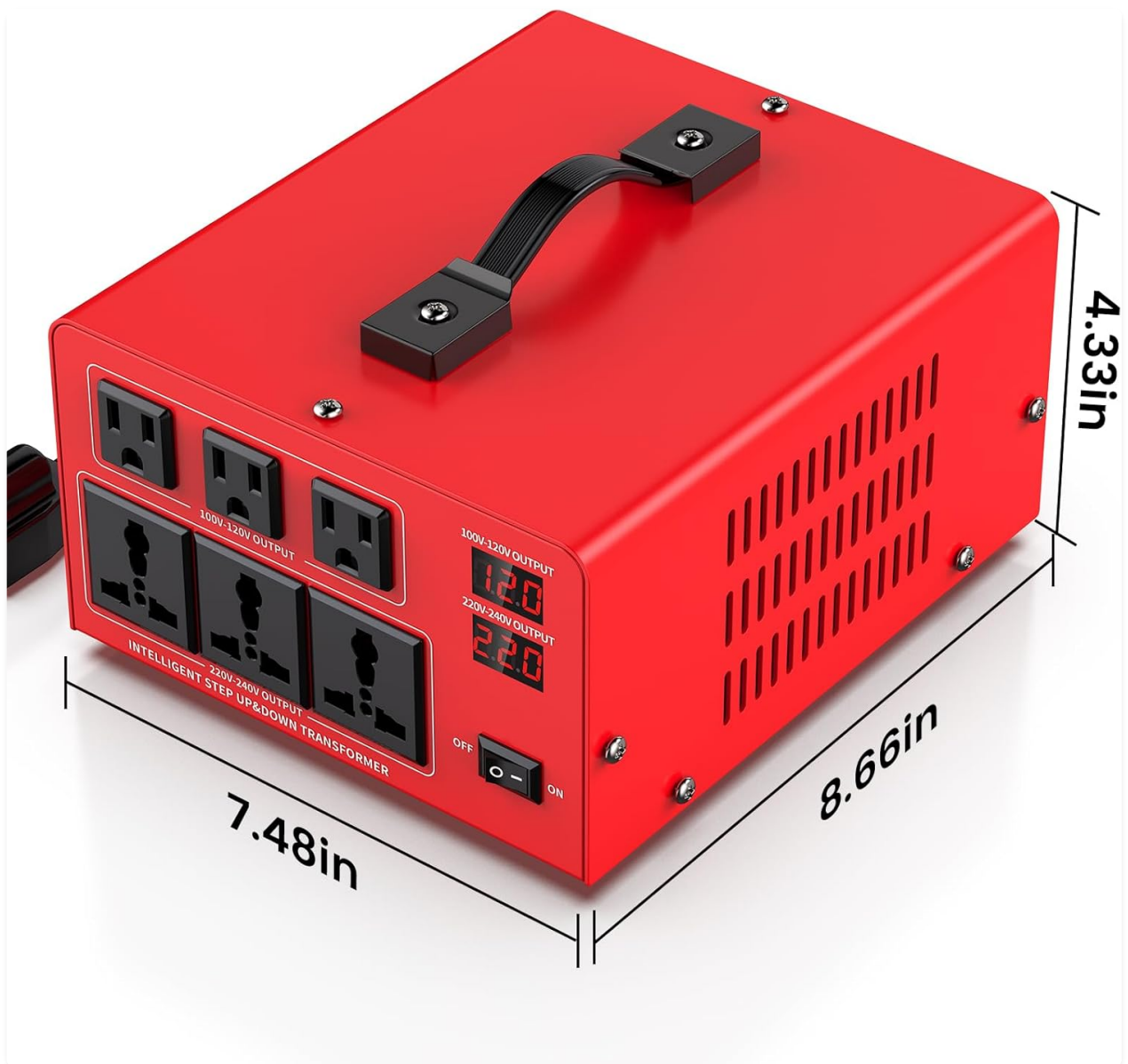


Image 9.1: The OLTEANP 3000W Voltage Converter shown with its physical dimensions (length, width, height) indicated in inches.

10. WARRANTY

For information regarding the warranty coverage for your OLTEANP 3000W Voltage Transformer Power Converter, please refer to the warranty card included with your purchase or visit the official OLTEANP website. Warranty terms and conditions may vary by region and retailer.

11. SUPPORT

If you require further assistance, have questions not covered in this manual, or need technical support, please contact OLTEANP customer service through their official website or the contact information provided with your product documentation.