

UMI LX-2400 SD

UMI 2400W Step Down Voltage Converter (Model LX-2400 SD) Instruction Manual

Model: LX-2400 SD | Brand: UMI

INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation of your UMI 2400W Step Down Voltage Converter, Model LX-2400 SD. This device is designed to convert 220-240V AC input voltage to 100-120V AC output voltage, allowing you to use appliances designed for North American (110-120V) or Japanese (100V) electrical systems in regions with 220-240V power outlets.

Please read this manual thoroughly before using the converter and retain it for future reference.



Image: Front view of the UMI 2400W Step Down Voltage Converter, showing the digital display and output socket.

IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, always follow basic safety precautions when using this electrical appliance:

- Read all instructions before use.
- Do not expose the converter to rain or moisture.
- Do not operate the converter if it has been damaged in any way.
- Ensure the total wattage of connected appliances does not exceed the converter's continuous power rating (2400W).
- Always connect the converter to a grounded outlet.
- Keep out of reach of children.
- Ensure adequate ventilation around the converter.

- Do not disassemble the unit. Refer servicing to qualified personnel.
- This converter is designed for step-down conversion (220-240V to 100-120V) only. Do not attempt to use it for step-up conversion.

SETUP AND INSTALLATION

1. Unpacking

Carefully remove the converter from its packaging. Inspect the unit for any signs of damage during transit. Retain the packaging for future storage or transport.



Image: Diagram showing the UMI converter securely packaged in a cardboard box with foam inserts.

2. Placement

Place the converter on a stable, flat, and dry surface. Ensure there is sufficient space around the unit for proper ventilation. The converter is equipped with bottom suckers to help fix it in place and prevent accidental knocking over.

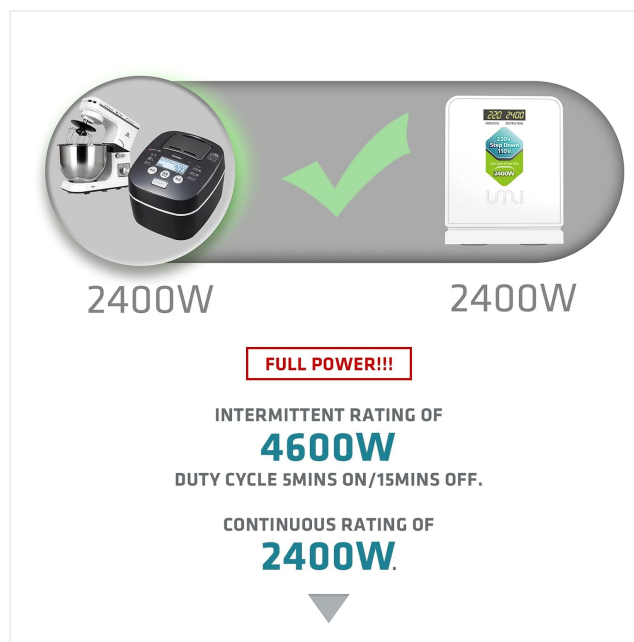


Image: Underside view of the UMI converter showing the bottom suckers designed for stability.

3. Initial Connection

Connect the converter's input power cord to a 220-240V AC wall socket. The digital display on the converter will

illuminate, showing the input voltage.

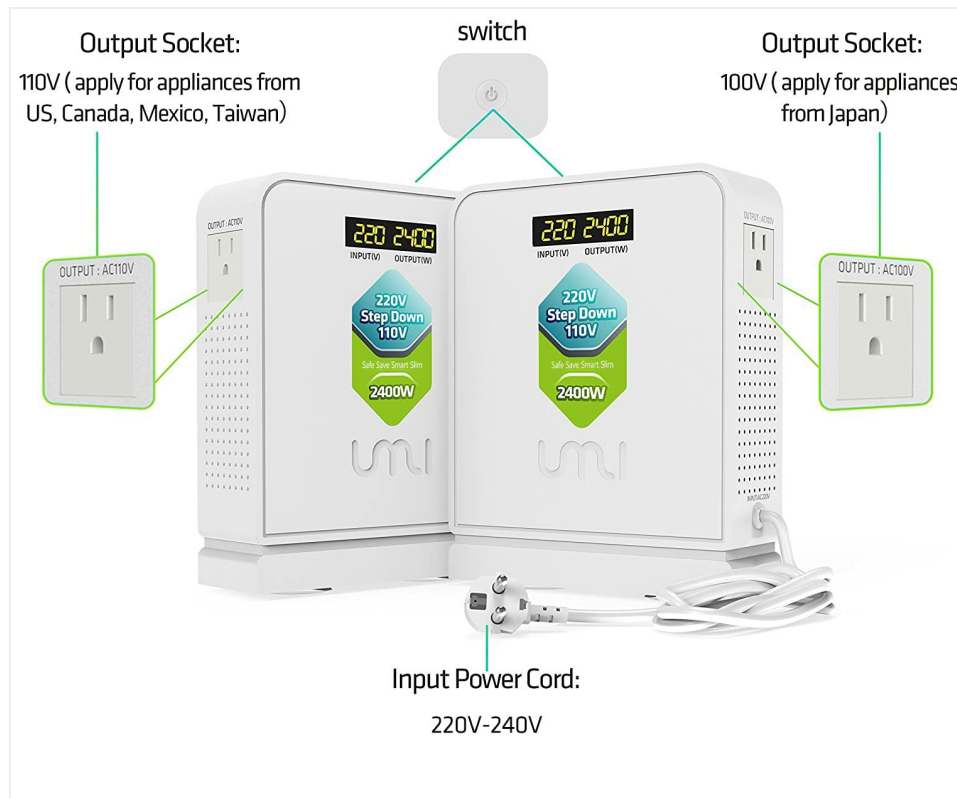


Image: Diagram illustrating the input power cord connection (220-240V) and the two types of output sockets (110V for US/Canada/Mexico/Taiwan and 100V for Japan).

OPERATING INSTRUCTIONS

Follow these steps to safely operate your UMI Voltage Converter:

1. **Connect to Power:** Plug the converter's power cord into a 220-240V wall socket. The display will show the input voltage.
2. **Connect Appliance:** Ensure your appliance is switched OFF. Plug your 100-120V appliance into the appropriate output socket on the converter. The converter features two types of output sockets: one for 110V (for US, Canada, Mexico, Taiwan appliances) and another for 100V (for Japanese appliances).
3. **Turn On Converter:** Press the power switch on the converter to turn it ON. The display will show the output wattage.
4. **Turn On Appliance:** Switch on your appliance.

Bottom Sucker: Fix the product to avoid inadvertently knock down



Image: Visual guide demonstrating the four steps to connect and power an appliance using the converter, featuring a rice cooker.

Power Rating and Usage

The UMI 2400W converter has a **continuous rating of 2400W**. This means it can safely power appliances up to 2400 watts for extended periods. It also has an **intermittent rating of 4600W**, which allows for short bursts of higher power (5 minutes on / 15 minutes off duty cycle). Always ensure your appliance's wattage does not exceed the continuous rating for prolonged use.



Image: Graphic explaining the continuous (2400W) and intermittent (4600W) power ratings, showing compatible appliances like a stand mixer and rice cooker.

MAINTENANCE

- **Cleaning:** Disconnect the converter from the power source before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the ventilation openings on the converter are not blocked. Proper airflow is crucial for preventing overheating.
- **Storage:** When not in use for extended periods, store the converter in a cool, dry place, away from direct sunlight and moisture.
- **Inspection:** Periodically inspect the power cord and the converter for any signs of damage. If damage is found, discontinue use and contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Converter does not power on.	No power from wall outlet, loose connection, or internal fault.	Check wall outlet with another device. Ensure power cord is securely plugged into both the wall and the converter.

Problem	Possible Cause	Solution
Appliance not working after connecting to converter.	Appliance is off, appliance wattage exceeds converter capacity, or converter is in overload protection mode.	Ensure appliance is switched on. Verify appliance wattage is within the converter's continuous rating (2400W). If overloaded, the converter will alarm and shut off. Disconnect the appliance, press the power button twice to reset the converter, then reconnect a lower-wattage appliance.
Converter display shows "E" or an error message.	Overload condition detected.	This indicates an overload. Disconnect the appliance immediately. Press the power switch button twice to clear the error and restart the converter. Connect an appliance with a wattage below 2400W.
Unusual noise or smell from converter.	Internal component issue or severe overload.	Immediately disconnect the converter from the wall outlet and all appliances. Do not attempt to use it again. Contact customer support.



Image: Diagram illustrating an overload scenario (over 4600W), the converter alarming and turning off, and the reset procedure by pressing the switch button twice.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	LX-2400 SD
Brand	UMI
Continuous Power Rating	2400W
Intermittent Power Rating	4600W (5 minutes on / 15 minutes off duty cycle)
Input Voltage	220-240V AC
Output Voltage	100V AC / 110V AC / 120V AC
Product Dimensions (L x W x H)	7.28 x 2.76 x 9.45 inches (18.5 x 7 x 24 cm)
Item Weight	18.7 Pounds (8.5 kg)
Certifications	CE, ETL Certified
Protection Features	Surge protection, Over power protection, Over-current protection, Thermal protection, Overload protection, Short circuit protection, Anti-leakage protection, Anti-trip protection, Anti-fall protection.
Transformer Type	High-performance toroidal transformer with pure copper coils.



Image: Diagram showing the dimensions (7.28" x 2.75" x 9.45") and weight (8.5kg / 18.74lb) of the UMI voltage converter.



Image: Illustration of the toroidal core and pure copper coils, highlighting the internal components of the converter's transformer.

WARRANTY INFORMATION

Specific warranty details for the UMI 2400W Step Down Voltage Converter are typically provided at the point of purchase or included with the product packaging. Please refer to your purchase documentation or contact the seller/manufacturer directly for comprehensive warranty terms and conditions.

CUSTOMER SUPPORT

If you encounter any issues or have questions regarding your UMI 2400W Step Down Voltage Converter that are not covered in this manual, please contact UMI customer support or the retailer from whom you purchased the product. Have your model number (LX-2400 SD) and purchase date ready when contacting support.

For the latest information and support resources, please visit the official UMI website or the seller's support page.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Email

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question