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LiteFuze LC-300E

LiteFuze LC-300E Travel Voltage Converter User Manual

Model: LC-300E | Brand: LiteFuze

1. PRODUCT OVERVIEW

The LiteFuze LC series 300-watt travel voltage converter is a compact and lightweight power transformer designed for international travelers. Weighing 2 lbs. and measuring 5 x 3.5 x 3 inches, it is highly portable. This converter offers a maximum capacity of 300 watts, making it suitable for a variety of small electronics and appliances.



Figure 1: LiteFuze LC-300E Travel Voltage Converter

Key Features:

- **300-Watt Capacity with Thermal Fuse Protection:** Provides up to 300 watts of power, with built-in thermal fuse technology to protect against overheating and overload.
- **Step-Up/Step-Down Functionality:** Converts 110/120V to 220/240V and vice versa, enabling use of North American devices in 220V countries and 220V devices in 110V countries.
- **Fully Grounded Transformer:** Ensures safe operation with smart circuitry and a high-resistance copper coil for durability.
- **Converting Box Technology:** Advanced technology for energy-efficient, lightweight, and silent operation.
- **Universal Output Socket:** Accepts plugs from most countries (except South Africa).

2. SAFETY INSTRUCTIONS

Read all instructions carefully before use to ensure safe and optimal performance. Keep this manual for future reference.

- Do not expose the converter to rain or moisture.
- Ensure proper ventilation; do not cover the unit or place it near heat sources.
- Always connect the converter to a properly grounded electrical outlet.
- Do not attempt to open or service the unit. Refer all servicing to qualified personnel.
- Avoid placing the power cord where it can be walked on or pinched.
- For continuous use, do not exceed 150W to ensure optimal efficiency and prevent overheating.

3. SETUP

1. **Identify Input Voltage:** Locate the voltage selection switch on the side of the converter. Set it to match the voltage of the wall outlet you will be plugging the converter into (e.g., 115V for North America, 230V for Europe).



Figure 2: Voltage Selection Switch on the side of the converter.

2. **Connect to Power Outlet:** Plug the converter's power cord into the wall outlet. The converter comes with an EU-Cord (Type E/F plug) suitable for European outlets.
3. **Connect Your Device:** Plug your electronic device into the universal output socket on the converter. This socket is designed to accept various plug types.



Figure 3: Universal Output Socket for connecting your devices.

4. **Power On:** Flip the illuminated ON/OFF switch to the 'ON' position. The light will indicate that the converter is active.

4. OPERATING INSTRUCTIONS

The LiteFuze LC-300E provides seamless voltage conversion for your electronic devices. Its step-up and step-down capabilities allow for versatile use across different electrical standards.

Voltage Conversion:

- **Step-Up Conversion:** If your wall outlet is 110/120V and your device requires 220/240V, set the voltage selection switch to 115V. The converter will output 220/240V.
- **Step-Down Conversion:** If your wall outlet is 220/240V and your device requires 110/120V, set the voltage selection switch to 230V. The converter will output 110/120V.

This converter is ideal for charging and powering various personal electronics:



**PERFECT FOR CHARGING
PHONES, CAMERAS,
SHAVERS & HAIR CLIPPERS**

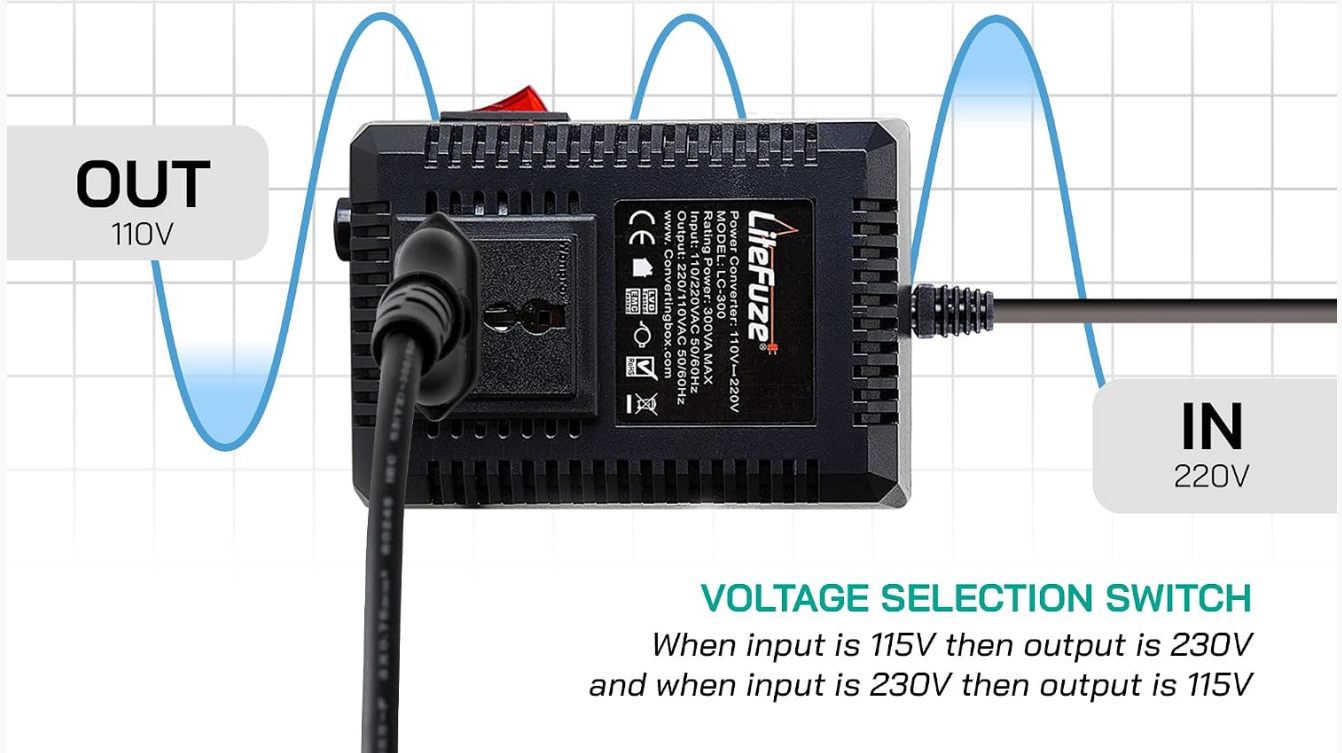


Hair Straighteners

100% SINE WAVE VOLTAGE

Ensures stable and smooth current to your electronics for optimum performance.

**Completely Grounded for safe operation
from input to output**



Laptops

Up to **300W**
Maximum Load
Capacity



Cameras

5. MAINTENANCE

- **Cleaning:** Wipe the exterior of the converter with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure that the ventilation openings are clear of dust and debris to prevent overheating.
- **Fuse Replacement:** The converter features thermal fuse protection. If the unit stops functioning due to an overload, the fuse may need replacement. Refer to qualified service personnel for fuse replacement.
- **Storage:** When not in use, store the converter in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Converter not powering on.	No power from wall outlet, switch is OFF, or blown thermal fuse.	Check wall outlet. Ensure ON/OFF switch is engaged. If still no power, the thermal fuse may have activated due to overload; consult service personnel.
Device not receiving power.	Incorrect voltage setting, device power exceeds converter capacity, or loose connection.	Verify voltage selection switch matches input voltage. Ensure device wattage is within 300W (150W for continuous use). Check all connections are secure.
Unusual buzzing sound.	Normal operation for some units, especially under load.	A low buzzing sound can be normal. If the sound is excessively loud or accompanied by smoke/burning smell, immediately unplug the unit and contact support.

7. SPECIFICATIONS

Feature	Detail
Model Number	LC-300E
Capacity	300 Watts (Max)
Input Voltage	110/120V or 220/240V AC (selectable)
Output Voltage	220/240V or 110/120V AC (corresponding to input)
Frequency	50/60 Hz
Dimensions (L x W x H)	5 x 3.5 x 3 inches
Item Weight	2 pounds
Plug Type	Type E/F (EU-Cord)
Certifications	CE Certified

8. WARRANTY AND SUPPORT

The LiteFuze LC-300E Travel Voltage Converter comes with a **5-year warranty**, ensuring confidence in its reliability and safety. LiteFuze is committed to providing excellent customer support.

For any problems, questions, or technical assistance, please contact LiteFuze customer support. Refer to the product packaging or the official LiteFuze website for the most current contact information.

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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

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