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› LiteFuze LC-500UK 500 Watt Step Up/Step Down Travel Voltage Converter User Manual

LiteFuze LC-500UK

LiteFuze LC-500UK 500 Watt Step Up/Step Down Travel Voltage Converter User Manual

Model: LC-500UK | Brand: LiteFuze

1. INTRODUCTION

The LiteFuze LC-500UK is a 500-watt step-up/step-down voltage converter designed to enable the use of electrical appliances across different voltage standards. This unit facilitates the conversion of 220-240V to 110-120V (step-down) and 110-120V to 220-240V (step-up), making it suitable for international travel and use with imported electronics.



Image 1.1: The LifeFuze LC-500UK 500 Watt Step Up/Step Down Travel Voltage Converter with its UK plug.

2. SAFETY INFORMATION

Read all instructions carefully before using the converter. Failure to follow safety guidelines may result in electric shock, fire, or damage to the converter and connected devices.

- **Wattage Matching:** Always ensure the total wattage of your connected appliance(s) does not exceed the converter's maximum capacity of 500 watts. For continuous use (over 1 hour), do not exceed 250 watts. Overloading can cause damage and fire hazards.
- **Correct Voltage Selection:** Verify the voltage selection switch on the converter is set to match the *input voltage* of the wall outlet before plugging in the converter. Incorrect settings can severely damage your appliance.
- **Grounding:** This converter is fully grounded from input to output for safe operation. Do not bypass or modify the grounding features.
- **Thermal Fuse Protection:** The unit is equipped with thermal fuse protection to prevent overheating. If the converter shuts off, disconnect it, allow it to cool, and check for overloading.

- **Ventilation:** Ensure adequate ventilation around the converter during operation. Do not cover the ventilation openings.
- **Indoor Use Only:** This converter is designed for indoor use in dry environments. Do not expose to moisture or extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items are present and in good condition upon unpacking:

- LiteFuze LC-500UK 500 Watt Step Up/Step Down Travel Voltage Converter
- Integrated UK-Cord (Type G Plug)
- User Manual (this document)

4. PRODUCT FEATURES

The LiteFuze LC-500UK converter incorporates several features for reliable and safe voltage conversion:

- **500-Watt Capacity:** Provides up to 500 watts of power, suitable for a range of electronic devices.
- **Thermal Fuse Protection:** Safeguards the converter and connected devices from damage due to overheating or overload.
- **Step-Up/Step-Down Functionality:** Converts 110-120V to 220-240V and 220-240V to 110-120V.
- **Fully Grounded Transformer:** Ensures enhanced safety during operation.
- **Converting Box Technology:** Designed for energy-efficient, lightweight, and quiet operation.
- **CE Certified:** Meets European safety standards.
- **5-Year Warranty:** Backed by a 5-year warranty for reliability and support.



Image 4.1: ConvertingBox Technology provides greater efficiency, reduced weight, and noise reduction.



Image 4.2: The converter provides 100% sine wave voltage for stable and smooth current.

5. SETUP AND OPERATION

Follow these steps to correctly set up and operate your LiteFuze LC-500UK voltage converter.

5.1 Identifying Components



500W
Step Up/Down
Travel Voltage
Converter



5 Years *LiteFuze* Tech Support
& Manufacturer's Warranty

PRODUCT SPECIFICATIONS



L: 5" x W: 3.5" x H: 3"



4 pounds



Universal Outlet
*Accepts plug from
any country*



LIFETIME

5 Years
Manufacturer's Warranty
*Please contact us for any
problems or questions
with this device*



CE Certified



Convertingbox™
Technology

Image 5.1: Key components of the LiteFuze LC-500UK converter.

5.2 Setting the Input Voltage Switch

This is the most critical step. The voltage selection switch is located on the back of the converter. It must be set to match the **input voltage** of the wall outlet you are plugging the converter into.

- If your wall outlet provides **220-240V** (common in Europe, Asia, UK), set the switch to **230V**.
- If your wall outlet provides **110-120V** (common in North America, Japan), set the switch to **115V**.

WARNING: Incorrectly setting this switch can cause severe damage to the converter and your connected appliances. Always verify the wall outlet voltage before setting the switch.



EASILY CONVERT

electric voltage of your favorite
travel buddies!



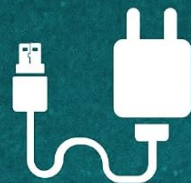
ELECTRIC
SHAVERS
USA & Asia



LAPTOPS
UK, UAE, Hong Kong



CAMERAS



MOBILE
CHARGERS

*Do **NOT** use more than
250W for continuous use*

Image 5.2: Location of the 115V/230V voltage selection switch on the rear of the converter.

5.3 Connecting Your Appliance

1. Ensure the converter's ON/OFF switch is in the OFF position.
2. Set the voltage selection switch (as described in 5.2) to match your wall outlet's voltage.
3. Plug the converter's integrated UK-Cord (Type G plug) into the wall outlet.
4. Plug your appliance into the universal output socket on the front of the converter. The universal socket accepts various plug types.
5. Turn on the converter using the illuminated ON/OFF switch. The light will indicate power is on.
6. Turn on your appliance.



Image 5.3: Plug and Play connection diagram for the LC-500UK.

5.4 Wattage Considerations for Appliances

The LiteFuze LC-500UK is designed for appliances up to 500 watts. However, for continuous use (more than one hour), it is recommended to use appliances that draw no more than 250 watts. Always check the wattage rating of your appliance before connecting it to the converter.



Image 5.4: Examples of compatible electronics up to 500W.

6. TROUBLESHOOTING

If you encounter issues with your LiteFuze LC-500UK converter, refer to the following common problems and solutions:

- **Converter Not Turning On:**
 - Ensure the converter's ON/OFF switch is pressed to the 'ON' position.
 - Check if the wall outlet is functioning correctly by plugging in another device.
 - Verify the converter's internal fuse. If blown, it may need replacement (consult support).
- **Appliance Not Receiving Power:**
 - Confirm the voltage selection switch (115V/230V) is correctly set to match the wall outlet's voltage.
 - Ensure your appliance is properly plugged into the converter's universal outlet.

- Check if your appliance's wattage exceeds the converter's capacity (500W max, 250W continuous).

- **Buzzing Noise from Converter:**

- A low buzzing sound can be normal for some voltage converters, especially under load or after extended use.
- If the buzzing is excessively loud or accompanied by heat/smoke, immediately disconnect the converter and contact support.

- **Converter Overheating:**

- Disconnect the converter and all appliances. Allow it to cool down.
- Ensure adequate ventilation around the unit.
- Reduce the total wattage of connected appliances to prevent future overheating.

7. SPECIFICATIONS



YOU WILL NEED IT IN KENYA OR YOU BLOW UP YOUR GADGETS

*Went with it to Africa.
Power is 240 volts, but was
able to use my US gadgets.*

Mutongoria1



Image 7.1: Visual representation of the LiteFuze LC-500UK product specifications.

Specification	Detail
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Brand	LiteFuze
Model Number	LC-500UK
Capacity	500 Watts (250 Watts for continuous use)
Input Voltage	110-120V or 220-240V (selectable via switch)
Output Voltage	110-120V or 220-240V (depending on input and mode)
Plug Type	Type G (UK-Cord)
Output Outlets	1 Universal Outlet
Item Dimensions (L x W x H)	3 x 3 x 2 inches
Item Weight	1.8 pounds
Color	Black
Certifications	CE Certified
Warranty	5-Year Manufacturer's Warranty

8. WARRANTY AND SUPPORT

The LiteFuze LC-500UK 500 Watt Step Up/Step Down Travel Voltage Converter comes with a 5-year manufacturer's warranty, ensuring reliability and peace of mind. This warranty covers defects in materials and workmanship under normal use.

For technical support, warranty claims, or any questions regarding the operation of your converter, please refer to the contact information provided with your purchase or visit the official LiteFuze website. Please have your model number (LC-500UK) and purchase date available when contacting support.

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

Anonymous

Email

you@example.com

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