

## Akozon 748904248196

# Akozon Voltage Converter Adapter User Manual

Model: 748904248196

## INTRODUCTION

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This user manual provides essential information for the safe and effective operation of your Akozon 100W Step Up & Down Voltage Converter Adapter. Please read these instructions carefully before use and retain them for future reference. This device is designed to convert voltage between 110V/120V and 220V/240V, making it ideal for international travel and use with various small electrical appliances.

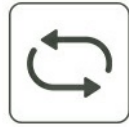
## PRODUCT OVERVIEW

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The Akozon Voltage Converter Adapter is a compact and portable solution for managing different voltage requirements. It features a dual-channel design, allowing for both step-up (110V/120V to 220V/240V) and step-down (220V/240V to 110V/120V) voltage conversion. The device is built with high-performance, imported materials and precision-manufactured circuits for long service life.

### Key Features:

- **Dual-Channel Conversion:** Converts 110V/120V to 220V/240V, or 220V/240V to 110V/120V.
- **Manual Voltage Switch:** The output voltage can be manually switched via a selector on the unit.
- **Compact and Portable:** Measuring approximately 9 x 5.5 cm (3.54 x 2.17 inches) and weighing 345g, it is highly suitable for travel.
- **Maximum Output:** Supports a maximum output of 100W, suitable for electrical appliances under 50W.



Quick Conversion



Automatic  
Constant Current



Flame Retardant Shell



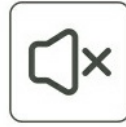
High Temperature  
Resistant Coil



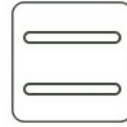
Won't Overheat



Anti-Fall/  
Pressure-Resistant



Noiseless



Floor Line Protection

Additional features of the converter, including safety and performance aspects.

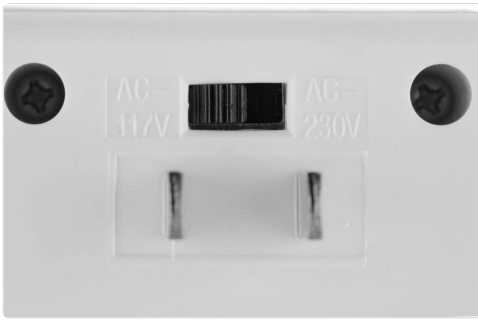
## Product Components:



Front view of the Akozon Voltage Converter Adapter, showing the universal AC output socket and input/output indicators.



Front and back views of the converter, highlighting the input plug and voltage selection switch.



Detailed view of the manual voltage selection switch (AC 117V / AC 230V) on the rear of the unit.

The converter is designed for travel, as shown in the image below, illustrating its use across different regions with varying voltage standards.

## Ideal for travelling to anywhere

Dual Channel Voltage Converter from 110 / 120V to 220 / 240V,  
220 / 240V to 110 / 120V

A white, rectangular dual channel voltage converter is shown against a light blue world map background. The converter has a carrying handle on top and a power cord on the right side. On the front panel, there is an 'AC OUTPUT' switch and the text 'POWER CONVERTER S12 100WATT.MAX.'. At the bottom, there are technical specifications: 'INPUT AC220V/240V 50/60Hz', 'INPUT AC110V/120V 50/60Hz', 'OUTPUT AC110V/120V 50/60Hz', and 'OUTPUT AC220V/240V 50/60Hz'. Red arrows point from the converter to various regions on the world map, including Europe, Africa, Asia, and Australia, illustrating its use across different voltage standards.

The compact design of the converter makes it ideal for international travel, adapting to various global voltage standards.

This video provides a simple demonstration of the voltage converter.

Your browser does not support the video tag.

Video demonstrating the physical appearance and basic features of the Akozon voltage converter.

## SETUP

1. **Identify Appliance Voltage:** Before connecting any appliance, verify its operating voltage. This information is usually found on the appliance's label or in its user manual.
2. **Select Correct Converter Mode:**
  - If your appliance is 110V/120V and you are in a 220V/240V region (Step-Down): Set the switch on the back of the converter to "AC 230V". This means the converter will accept 220V/240V input and output 110V/120V.
  - If your appliance is 220V/240V and you are in a 110V/120V region (Step-Up): Set the switch on the back of the converter to "AC 117V". This means the converter will accept 110V/120V input and output 220V/240V.

***Critical:** Incorrect voltage selection can damage your appliance or the converter. Always double-check the switch setting.*

3. **Connect Converter to Power Outlet:** Plug the Akozon Voltage Converter Adapter into the wall outlet of the region you are in.

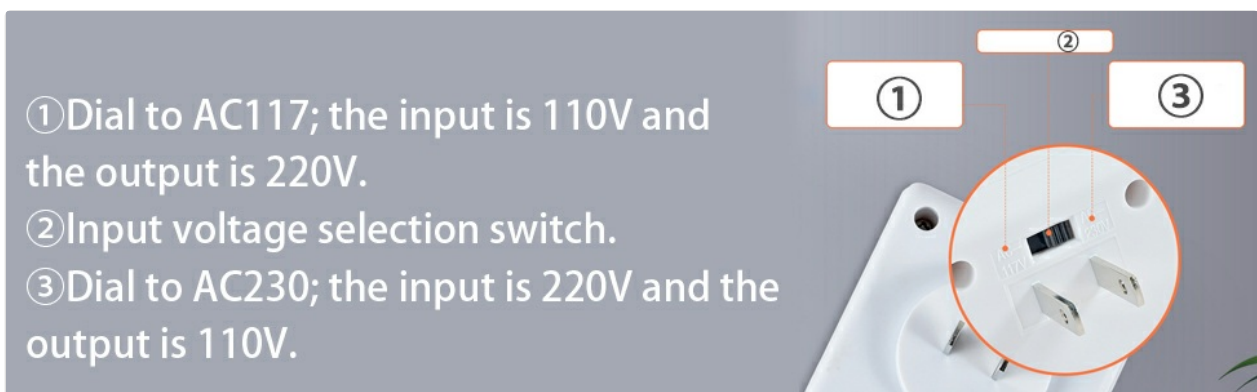


Illustration of the input voltage selection switch and its corresponding output.

## OPERATING INSTRUCTIONS

1. **Verify Compatibility:** Ensure your appliance's power consumption does not exceed the converter's maximum output of 100W. It is recommended for appliances under 50W for optimal performance and safety.
2. **Plug in Appliance:** Once the converter is correctly set for the desired voltage conversion and plugged into the wall, insert your appliance's plug into the AC output socket on the front of the converter.
3. **Power On Appliance:** Turn on your appliance. The converter will automatically adjust the voltage as per your selection.
4. **Disconnect After Use:** After using your appliance, turn it off, then unplug it from the converter, and finally unplug the converter from the wall outlet.

The converter is suitable for a wide range of small electronic devices, as depicted below.



*Ideal for travelling to anywhere*



electric toothbrush



Beauty Instrument



Shaver



Digital equipment

Common small appliances such as electric toothbrushes, beauty instruments, shavers, and digital equipment are compatible.



The converter's wide application includes items like rice cookers, hair dryers, blenders, hot water kettles, and filters, provided they are within the power limit.

## MAINTENANCE

- Keep the converter dry and away from moisture.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Do not attempt to open or repair the unit. Refer all servicing to qualified personnel.
- Avoid dropping or subjecting the converter to strong impacts.
- Ensure proper ventilation around the unit during operation to prevent overheating.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Appliance does not power on.	<ul style="list-style-type: none"> <li>• Incorrect voltage selection.</li> <li>• Appliance power consumption exceeds 100W.</li> <li>• Converter or appliance not properly plugged in.</li> <li>• Wall outlet has no power.</li> </ul>	<ul style="list-style-type: none"> <li>• Verify the voltage selection switch is set correctly (AC 117V for step-up, AC 230V for step-down).</li> <li>• Ensure the appliance's wattage is within the converter's limit (preferably under 50W).</li> <li>• Check all connections.</li> <li>• Test the wall outlet with another device.</li> </ul>

Problem	Possible Cause	Solution
Converter feels hot during use.	<ul style="list-style-type: none"> <li>Overloading the converter.</li> <li>Insufficient ventilation.</li> </ul>	<ul style="list-style-type: none"> <li>Unplug the appliance and converter immediately. Allow to cool. Use with lower wattage appliances.</li> <li>Ensure the converter is placed in an open area with good airflow.</li> </ul>
Humming noise from converter.	Normal operation for some transformers.	If the noise is excessive or accompanied by heat/smoke, discontinue use immediately. Otherwise, a slight hum is normal.

## SPECIFICATIONS

Feature	Detail
Brand	Akozon
Model Number	748904248196
Product Dimensions	9 x 5.5 cm / 3.54 x 2.17 inches
Item Weight	345g
Input Voltage	110V/120V or 220V/240V (selectable)
Output Voltage	220V/240V or 110V/120V (corresponding to input selection)
Maximum Output Power	100W (suitable for appliances under 50W)
Plug Format	CN Standard Plug (Type I)
Material	ABS
Frequency	50/60Hz

## FB-S12

## Specifications:



Material: ABS  
Frequency: 55-60HZ  
Plug type: CN standard plug  
White: color  
Maximum output: 100W(suitable for electrical appliances under 50W)  
Dual channel voltage converter  
Switch to 110v, input 110/120v, output 220/240v  
Switch to 220v, input 220/240v, output 110/120v  
Size: 9 x 5.5cm / 3.54 x 2.17in  
Maximum Load Power: 50W  
Weight: 345g

A visual summary of the product's specifications.

## WARRANTY AND SUPPORT

Akozon is committed to providing high-quality products and excellent customer service. While specific warranty terms are not detailed in this manual, we offer dedicated after-sales support.

If you have any questions, encounter issues with your product, or require assistance, please contact our professional customer service team via email. We are dedicated to responding and resolving your concerns in a timely manner.

*Please refer to your purchase documentation or the product listing on the retailer's website for the most up-to-date warranty information and contact details.*