

TESSAN TUS-9

TESSAN TUS-9 Compact 200W 220V to 110V Travel Voltage Converter

Model: TUS-9

1. INTRODUCTION

Thank you for choosing the TESSAN TUS-9 Compact 200W 220V to 110V Travel Voltage Converter. This device is designed to safely convert foreign 220-240V electricity to 110-120V, allowing you to use your US-standard electronics in countries with higher voltage. It also features multiple USB charging ports and comes with various international plug adapters for global compatibility. Please read this manual thoroughly before use to ensure proper operation and safety.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1 x TESSAN TUS-9 Voltage Converter
- 1 x EU Power Cable
- 4 x International Plug Adapters (Type G, I, L, D)
- 1 x Travel Pouch

2.2 Device Features

The TESSAN TUS-9 converter is equipped with:

- 2 AC Outlets (US standard, 100-120V output)
- 1 USB-A Charging Port (5V/2.4A Max)
- 1 USB-C Charging Port (5V/2.4A Max)
- AC Switch with Indicator Light
- Reset Button



Figure 1: TESSAN TUS-9 Voltage Converter and its included accessories. This image displays the compact white converter unit, the detachable EU power cable, and the four international plug adapters (Type G, I, L, D) that come with the product, all neatly arranged.

3. SETUP

3.1 Connecting the Power Cable and Adapter

1. Connect the provided EU power cable to the input port of the TESSAN TUS-9 converter.
2. Select the appropriate international plug adapter for the country you are visiting. The converter includes Type G (UK), Type I (AU), Type L (IT), and Type D (India) adapters. The EU power cable itself serves as a Type C plug.
3. Attach the selected international plug adapter to the EU power cable. Ensure it is securely connected.

220V to 110V Voltage Converter

Convert voltage from 220-240V to 100-125V for global charging, power 200W max



Figure 2: Illustration of the different international plug adapters. This image shows the Type C (EU), Type G (UK), Type L (Italy), Type I (Australia), and Type D (India) plug adapters, highlighting their distinct pin configurations for various regions worldwide.

3.2 Plugging into a Wall Outlet

Insert the assembled power cable and adapter into a wall outlet in your destination country. The converter is designed to accept 220-240V AC input.

3.3 Powering On

Press the AC Switch on the converter to turn it on. The indicator light will illuminate to show the device status.

4. OPERATING INSTRUCTIONS

4.1 Voltage Conversion

The TESSAN TUS-9 converter transforms 220-240V AC input voltage to a stable 100-120V AC output. This allows you to safely use US-standard appliances that operate within the 100-120V range.

200W Travel Voltage Converter

TESSAN voltage converter supports hair straightener and curling iron, and more

CAUTION: Don't use devices with power exceeding 200W



Figure 3: Visual representation of voltage conversion. This image shows the TESSAN converter plugged into a 220-240V AC European wall outlet, with arrows indicating the conversion to 100-125V AC output for connected devices like a phone and an electric shaver.

4.2 Using AC Outlets

Plug your 100-120V AC appliances into the two AC outlets on the converter. The total power consumption of all connected AC devices must not exceed **200 Watts**. This converter is suitable for low to medium-power devices such as hair straighteners, curling irons, electric toothbrushes, and portable fans.

CAUTION: Do not use devices with power exceeding 200W. This includes high-power appliances like hair dryers, electric irons, kettles, or ovens, as this can damage the converter and your devices, and pose a safety risk.

4.3 Using USB Charging Ports

The converter features one USB-A and one USB-C port, each providing up to 5V/2.4A (12W Max total output). These ports are ideal for charging smartphones, tablets, laptops, cameras, and other USB-powered devices. You can charge up to 4 devices simultaneously (2 AC, 2 USB).

Universal Travel Adapter

Compatible **150+** countries

World Trip/Business Trip/Holiday/Studies



Figure 4: The converter in use, demonstrating simultaneous charging of a laptop, smartphone, and wireless earbuds. This image highlights the two AC outlets and two USB ports (USB-A and USB-C) being utilized to power various electronic devices, with a clear warning not to exceed 200W for AC appliances.

4.4 Indicator Light Status

- **Green Light On:** All functions (AC outlets and USB ports) are working normally.
- **Red Light On:** Only the USB ports are working. This may indicate an issue with the AC conversion or an overload.
- **Light Blinking:** The AC outlets are not working. This typically indicates an overload, over-voltage, overheating, or short circuit protection has been triggered.

Multiple Protections

Safeguard your travel security



Figure 5: Explanation of the indicator light states. This image visually depicts the red, green, and blinking light indicators on the converter, explaining what each state signifies regarding the functionality of the USB ports and AC outlets.

4.5 Reset Button

If the converter triggers its protection mechanism (e.g., due to overload) and the light is blinking, disconnect the problematic device(s). After troubleshooting, press the reset button to resume normal operation. The light should turn green.

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Video 1: Official product video demonstrating the TESSAN TUS-9 Voltage Converter's features and ease of use. This video showcases the compact design, included adapters, voltage conversion process, and multi-device charging capabilities, providing a comprehensive overview of the product in action.

5. MAINTENANCE

5.1 Cleaning

To clean the converter, ensure it is unplugged from the wall outlet and all devices are disconnected. Wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.

5.2 Storage

When not in use, store the converter and its accessories in the provided travel pouch in a cool, dry place, away from direct sunlight and moisture. Always unplug the device from the electrical outlet when not in use to ensure safety and prolong its lifespan.



Figure 6: The TESSAN converter and its adapters stored in the included travel bag. This image illustrates how the compact design and travel pouch make the converter easy to pack and carry, fitting conveniently into luggage alongside clothing and other travel essentials.

6. TROUBLESHOOTING

- **Converter not turning on (no light):**
Ensure the EU power cable is securely connected to the converter and the wall outlet. Verify the wall outlet is functional. Press the AC Switch firmly.
- **AC outlets not working (light blinking or red):**
This indicates a safety protection has been triggered (overload, over-voltage, overheating, or short circuit). Disconnect all connected devices. Check if any device exceeds the 200W limit. Wait a few minutes, then press the reset button. Reconnect devices one by one to identify the problematic one.
- **USB ports not charging:**
Ensure the converter is powered on (green or red light). Check the USB cables and devices for proper connection and functionality. The total USB output is 12W Max; ensure total power draw does not exceed this.

- **Unusual noise or heat:**

While the converter is designed for quiet operation with heat dissipation, excessive noise or heat may indicate an issue. Immediately unplug the device and disconnect all appliances. Contact customer support if the issue persists.

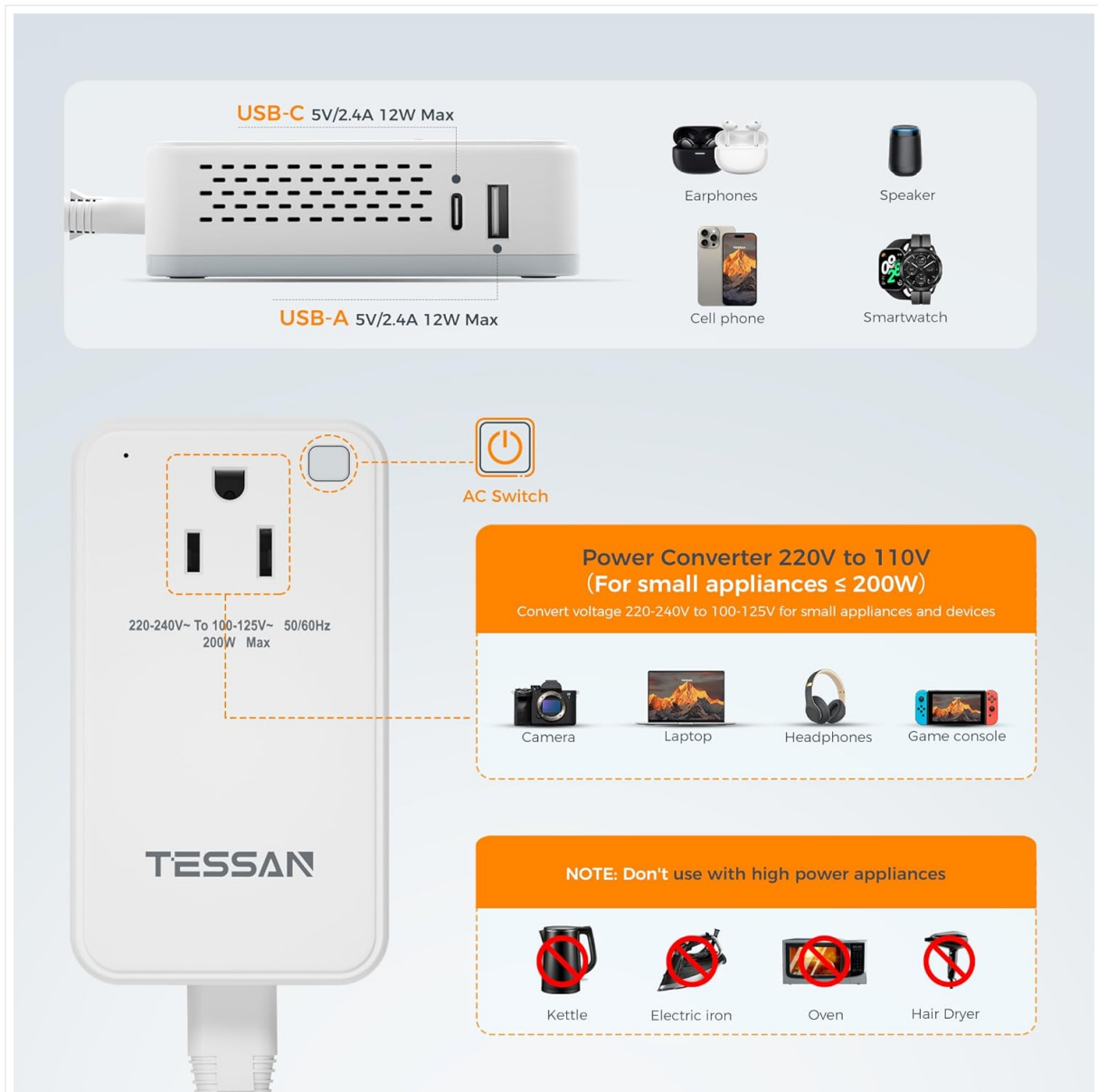


Figure 7: Diagram illustrating the multiple protection features of the TESSAN converter. This image highlights the built-in safeguards against overload, over-voltage, short circuit, and over-current, ensuring device and user safety during operation.

7. SPECIFICATIONS

Feature	Specification
Brand	TESSAN
Model Number	TUS-9
Input Voltage	220-240V AC (50/60Hz)
AC Output Voltage	100-120V AC (60Hz)
Max AC Wattage	200 Watts

Feature	Specification
USB-A Output	5V/2.4A Max
USB-C Output	5V/2.4A Max
Total USB Ports	2 (1 USB-A, 1 USB-C)
Included Plugs	EU (Type C), UK (Type G), AU (Type I), IT (Type L), India (Type D)
Dimensions	2.2 × 3.94 × 1.22 inches
Weight	Approximately 7.51 oz
Material	Thermoplastic Elastomer (TPE)
Safety Features	Over-voltage, Overheating, Overload, Over-current, Short Circuit Protection

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The TESSAN TUS-9 Voltage Converter comes with an **18-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or use with incompatible high-power appliances.

8.2 Customer Support

If you encounter any issues or have questions regarding your TESSAN TUS-9 converter, please contact TESSAN customer support. Refer to the product packaging or the official TESSAN website for the most up-to-date contact information.