TESSAN TS-WTA04

TESSAN Universal Travel Adapter (Model TS-WTA04) Instruction Manual

1. Introduction

Welcome to your TESSAN Universal Travel Adapter. This device is designed to provide power connectivity for your electronic devices in over 150 countries. It features a universal AC outlet, two USB-C ports, and two USB-A ports, offering a total of 100W power delivery. Its compact design makes it an ideal companion for international travel.

2. Important Safety Information

Warning: This travel plug adapter is NOT a voltage converter. Ensure your devices support dual voltage (100V to 250V) before use. Using devices that do not support dual voltage with this adapter may cause damage to the device or the adapter.

Do not use high-power appliances such as hair dryers, straighteners, or curling irons with the universal outlet adapter unless they explicitly support dual voltage and their power consumption is within the adapter's maximum rating (2500W).

The Type A plug does not have a ground pin. Avoid using it for high-power appliances that require grounding.



This image illustrates the fuse protection mechanism of the adapter and explicitly warns against using it with high-power appliances such as hair dryers, straighteners, and electric kettles, emphasizing that it is not a voltage converter.

3. Product Features

- **Universal AC Outlet:** 1 AC outlet for various plug types.
- **USB-C Ports:** Two USB-C ports (C1/C2) providing up to 100W MAX total output.
- **USB-A Ports:** Two USB-A ports (A1/A2) providing up to 18W MAX output.
- **Simultaneous Charging:** Charge up to 5 devices concurrently.
- **Worldwide Compatibility:** Covers over 150 countries with Type C, G, I, and A plugs.
- **Compact Design:** Portable for travel, dimensions 3.65 × 2.17 × 2.10 inches, weight 0.62lb.
- **GaN Technology:** Utilizes Gallium Nitride (GaN) technology for efficient power delivery in a compact form factor.



This image highlights the adapter's 100W fast charging feature, detailing the power output of the USB-C (100W Max) and USB-A (18W Max) ports.



The image shows the adapter in use, plugged into a wall socket, simultaneously charging a laptop via its universal AC

outlet, a tablet via a USB-C port, and a smartphone via a USB-A port, demonstrating its 5-in-1 charging capability.



This image displays the compact dimensions of the travel adapter (3.64 x 2.16 x 2.09 inches) alongside common travel electronics like a smartphone, earbuds, and tablet, illustrating its portability.

Your browser does not support the video tag.

This video demonstrates the TESSAN Universal Travel Adapter's features, including its compact size, GaN technology, fast charging capabilities for multiple devices, and the importance of checking worldwide voltage before use.

4. Setup and Usage

The TESSAN Universal Travel Adapter features retractable pins for different plug types. To switch between plug types, simply push and slide the corresponding button.

Selecting the Correct Plug Type

- **Type C (EU):** For Europe, Italy, Spain, France, Germany, and many other European countries. Push the "EU" slider to extend the two round pins.
- **Type G (UK):** For UK, Ireland, Scotland, British, and other Type G regions. Push the "UK" slider to extend the three rectangular pins.
- **Type I (AUS):** For Argentina, Australia, Fiji, China, and other Type I regions. Slide out the Type A plug and twist the pins inward to form the Type I configuration.
- **Type A (US):** For Japan, USA, Mexico, and other Type A regions. Push the "USA/AUS" slider to extend the two flat parallel pins.



This image visually explains the four main plug types (C, G, I, A) supported by the adapter, showing how each plug extends for use in different regions like Europe, UK, Australia, and the US.

Your browser does not support the video tag.

This video demonstrates how to select and deploy the different plug types (Type C, G, A, I) on the TESSAN Universal

Travel Adapter by sliding the appropriate buttons and twisting pins for Type I. It also shows the adapter being plugged into various wall sockets and provides guidance on checking plug types online or contacting customer service.

5. Charging Guide (USB Ports)

The adapter features intelligent power distribution across its USB ports to optimize charging for your devices.

USB Port Output Specifications:

- **USB-C1/C2:** Up to 100W total output.
- **USB-A1/A2:** Up to 18W total output.

Power Distribution When Multiple Ports Are Used:

- C1 + C2: C1 = 65W, C2 = 35W
- A1 + C1: A1 = 18W, C1 = 65W
- A1 + C2: A1 = 18W, C2 = 20W
- A2 + C2: A2 = 18W, C2 = 20W
- A2 + C1: A2 = 18W, C1 = 65W
- A1 + A2 + C1: A1 + A2 = 15W, C1 = 65W
- A1 + A2 + C2: A1 + A2 = 15W, C2 = 20W
- A1 + A2 + C1 + C2: A1 + A2 = 15W, C2 = 20W, C1 = 65W



This diagram illustrates the layout of the USB-A (18W Max) and USB-C (100W Max) ports on the TESSAN 100W GaN charger.



This diagram details the power distribution when using various combinations of USB ports: C1+C2 (C1=65W, C2=35W), A1+C1 (A1=18W, C1=65W), A1+C2 (A1=18W, C2=20W), A2+C2 (A2=18W, C2=20W), and A2+C1 (A2=18W, C1=65W).



This diagram illustrates the power distribution when using three or four USB ports simultaneously: A1+A2+C1 (A1+A2=15W, C1=65W), A1+A2+C2 (A1+A2=15W, C2=20W), and A1+A2+C1+C2 (A1+A2=15W, C2=20W, C1=65W).

6. Specifications

Feature	Detail
Model Number	TS-WTA04
Product Dimensions	3.65 x 2.17 x 2.1 inches
Item Weight	10.7 ounces
Output Voltage	100-250 Volts (AC)
AC Outlet Max Power	2500W (at 250V), 1000W (at 100V)
USB-C Output	Up to 100W total (C1/C2)
USB-A Output	Up to 18W total (A1/A2)
Plug Formats	Type C, Type G, Type I, Type A
Manufacturer	Zhuhai Tessan Power Technology Co., Ltd.



This image visually confirms the adapter's compatibility with a wide voltage range, from 100V to 250V.



The image shows the adapter's maximum power rating of 2500W and reiterates the warning against using it with high-power appliances that do not support dual voltage or exceed this limit.

7. What's in the Box

- 1 x TESSAN Universal Travel Adapter (Model TS-WTA04)

8. Troubleshooting

Device Not Charging

- Ensure the adapter is securely plugged into a functional wall outlet.
- Verify that the correct plug type for your region is extended and locked into place.
- Check if your device's charging cable is properly connected to the adapter's USB port or AC outlet.
- Confirm that your device supports the voltage provided by the wall outlet (100V-250V). This adapter is not a voltage converter.
- If using the AC outlet, ensure the appliance's power consumption does not exceed the adapter's maximum rating (2500W).
- The adapter has a double 10A fuse for protection. If the adapter stops working, the fuse might have blown. Refer to the product packaging for fuse replacement instructions.

Adapter Feels Warm

- It is normal for the adapter to feel slightly warm during operation, especially when charging multiple devices or high-power devices.
- If the adapter becomes excessively hot, disconnect all devices and unplug it from the wall outlet immediately. Allow it to cool down before attempting to use it again. Reduce the number of connected devices or the power load.

9. Warranty and Support

TESSAN products typically come with a manufacturer's warranty. Please refer to the product packaging or the official TESSAN website for specific warranty details and registration information.

For technical support, troubleshooting assistance, or warranty claims, please contact TESSAN customer service. You can often find contact information on the product packaging or through the seller's messaging service on the platform where you purchased the product. Refer to the video in Section 4 for guidance on contacting customer service.