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TESSAN TS-CS01

TESSAN 65W USB Power Strip Tower with PD, 2m Extension Cord User Manual

Model: TS-CS01

1. INTRODUCTION

Thank you for purchasing the TESSAN 65W USB Power Strip Tower. This device is designed to provide a versatile and efficient charging solution for multiple electronic devices simultaneously. Please read this manual carefully before use to ensure proper operation, maximize performance, and maintain safety.

2. PRODUCT OVERVIEW

The TESSAN 65W USB Power Strip Tower is a compact and powerful charging station featuring 3 AC outlets, 2 USB-C ports, and 4 USB-A ports. It incorporates advanced GaN (Gallium Nitride) technology for efficient power delivery in a smaller form factor, reducing heat generation. The tower design optimizes vertical space, keeping your desktop organized. It includes a 2-meter extension cord for flexible placement.

Key Features:

- 9-in-1 Charging:** 3 AC outlets, 2 USB-C ports, and 4 USB-A ports for simultaneous charging of up to 9 devices.
- 65W Power Delivery (PD):** One USB-C port can deliver up to 65W for rapid charging of compatible laptops, tablets, and smartphones.
- Quick Charge (QC):** USB-A ports provide up to 20W for fast charging of various devices.
- GaN Technology:** Utilizes Gallium Nitride for a compact, lightweight design with improved heat management.
- Space-Saving Tower Design:** Vertical orientation minimizes desktop footprint and helps manage cables.
- 2-Meter Extension Cord:** Provides ample reach to power outlets.
- Multi-Protection System:** Built-in safeguards against short-circuit, overcurrent, overvoltage, and overload.
- Non-Slip Base:** Ensures stability on various surfaces.

Product Components:

- TESSAN 65W USB Power Strip Tower (Model TS-CS01)
- Integrated 2-meter power cord
- User Manual

省スペースで配線もスッキリ

タワー型のデザインで、縦方向のスペースを有効に利用して、配線をスッキリにさせます。



Figure 2.1: Front view of the TESSAN 65W USB Power Strip Tower, showing the USB-C and USB-A ports.



- USB-A x 4
- USB-C x 2
- AC x 3

一台九役

3個AC差込口、6個USBポートが付いて、9台の電子機器を同時充電できます。



Figure 2.2: Detailed view of the 9 available charging ports (3 AC, 2 USB-C, 4 USB-A).



Figure 2.3: The compact size of the power strip, making it convenient for travel or small spaces.

3. SPECIFICATIONS

Parameter	Value
Model Number	TS-CS01
Total USB Ports	6 (2 USB-C, 4 USB-A)
AC Outlets	3
Max USB-C Output (Single Port)	65W PD
Max USB-A Output (Single Port)	20W QC
Total Output	65W (USB), 1500W (AC)
Dimensions	11.6 x 5.1 x 5.1 cm

Weight	Approximately 400g
Cable Length	2 meters
Color	Black
Special Features	GaN Technology, Fast Charging, Multi-Protection

4. SETUP

- 1. Unpack:** Carefully remove the power strip from its packaging.
- 2. Placement:** Place the power strip on a stable, flat, and dry surface, away from direct sunlight, heat sources, and liquids. Ensure adequate ventilation around the unit. The non-slip pads on the base will help secure it.
- 3. Connect to Power:** Plug the integrated 2-meter power cord into a standard wall AC outlet. The indicator light on the unit will illuminate, confirming it is receiving power.
- 4. Ready for Use:** The power strip is now ready to charge your devices.

5. OPERATING INSTRUCTIONS

The TESSAN 65W USB Power Strip Tower allows you to charge multiple devices simultaneously using its AC outlets, USB-C ports, and USB-A ports.

Using AC Outlets:

- Plug your electronic devices (e.g., coffee machines, hair dryers, laptops) directly into the 3 AC outlets.
- Ensure the total power consumption of devices connected to AC outlets does not exceed 1500W.

Using USB Charging Ports:

The power strip features intelligent power distribution. The maximum output for USB-C ports is 65W (when used individually), and for USB-A ports is 20W (when used individually). When multiple ports are used, the power is distributed optimally.

- USB-C Ports (C1, C2):** Connect your USB-C compatible devices (e.g., laptops, tablets, smartphones) using a USB-C to USB-C cable. These ports support Power Delivery (PD) for fast charging.
- USB-A Ports (A1, A2, A3, A4):** Connect your USB-A compatible devices (e.g., smartphones, smartwatches, USB cameras) using a USB-A cable. These ports support Quick Charge (QC) for faster charging compared to standard USB ports.

● PD対応の急速充電

合計最大出力は65Wで、幅広いUSB機器へのフルスピード充電は可能です。



Figure 5.1: Example of a laptop charging via the 65W USB-C port.

幅広い機器対応



Figure 5.2: Wide compatibility with various AC and USB-powered devices.

Charging Guide (Power Distribution):

The power strip intelligently adjusts output based on connected devices. For optimal charging, refer to the following general guidelines:

- When only one USB-C port is used, it can deliver up to 65W.
- When only one USB-A port is used, it can deliver up to 20W.
- When multiple USB ports are in use, the total power output is dynamically distributed. For example, C1 and C2 can provide 20W/25W and 25W/20W respectively, while USB-A ports provide up to 20W each, depending on the combination of connected devices.

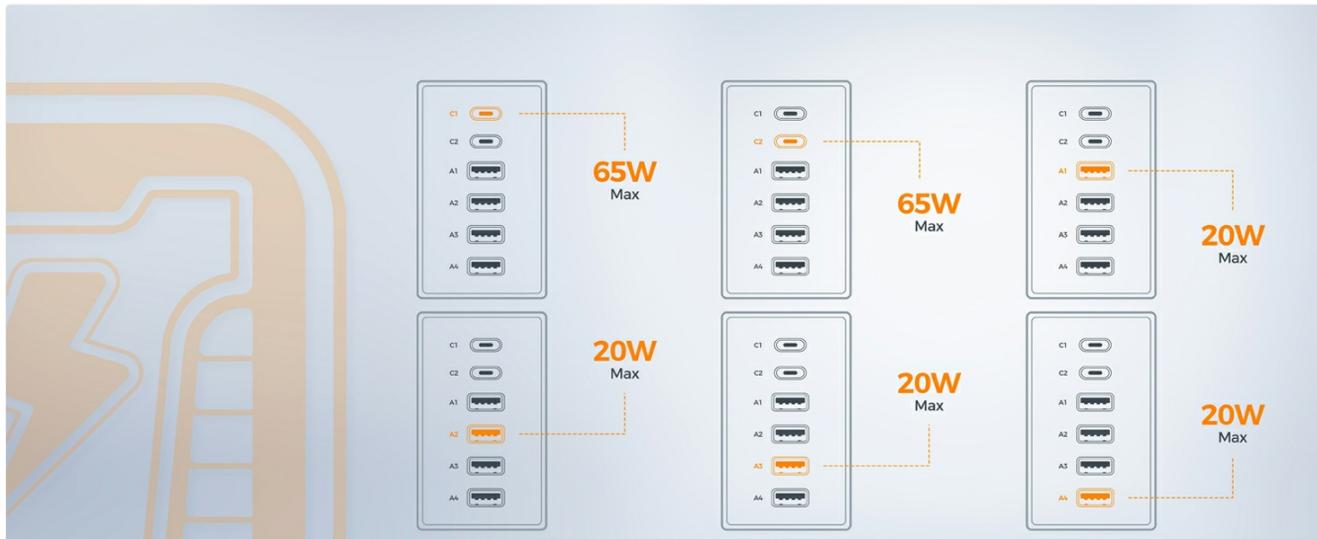


Figure 5.3: TESSAN 65W GaN Charger Charging Guide illustrating power distribution.

6. MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your power strip.

- **Cleaning:** Disconnect the power strip from the wall outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use for extended periods, unplug the unit and store it in a cool, dry place.
- **Inspection:** Periodically inspect the power cord and the unit for any signs of damage, such as frayed wires or cracks. If damage is found, discontinue use immediately and contact customer support.

7. TROUBLESHOOTING

If you encounter issues with your TESSAN Power Strip Tower, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power to outlets/USB ports	Power strip not plugged in; Wall outlet not working; Internal fuse tripped.	Ensure the power strip is securely plugged into a live wall outlet. Test the wall outlet with another device. If the issue persists, contact customer support.
Slow charging via USB ports	Device not compatible with fast charging; Cable is not fast-charge compatible; Too many devices connected; Device's battery management.	Ensure your device and cable support PD/QC fast charging. Try charging fewer devices simultaneously. Check your device's charging status.

Device not recognized by USB port	Faulty cable; Device issue; Port issue.	Try a different USB cable. Test the device with another charger. Try a different USB port on the power strip.
Power strip feels warm	Normal operation under load; Overload.	It is normal for the unit to feel slightly warm during operation, especially when charging multiple devices. If it becomes excessively hot or emits a burning smell, immediately unplug it and contact customer support. Reduce the number of connected devices.

If the problem persists after trying these solutions, please contact TESSAN customer support for further assistance.

8. SAFETY INFORMATION

To prevent injury or damage to the device, please observe the following safety precautions:

- Do not disassemble, modify, or repair the device yourself.
- Keep the device away from water, moisture, and high humidity.
- Do not expose the device to extreme temperatures or direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Ensure the total power consumption of all connected devices does not exceed the maximum rated output of the power strip (1500W for AC, 65W for USB).
- Do not use the device if the power cord or plug is damaged.
- Keep out of reach of children.
- The power strip features multiple safety protections including short-circuit prevention, overcurrent protection, overvoltage protection, and overload protection.

9. WARRANTY AND SUPPORT

TESSAN products are designed for reliability and performance. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims.

Customer Support:

For technical support, warranty inquiries, or any questions regarding your TESSAN 65W USB Power Strip Tower, please contact TESSAN customer service through the retailer where you purchased the product or visit the official TESSAN website for contact information.

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