## TESSAN TPS03-US

# TESSAN Surge Protector Power Strip Tower

Model: TPS03-US

Brand: TESSAN

### Introduction

This manual provides instructions for the safe and efficient use of your TESSAN Surge Protector Power Strip Tower, Model TPS03-US. This device is designed to expand your power access with multiple AC outlets and USB charging ports, while offering surge protection for your electronic devices.

### Safety Information

- For indoor use only. Do not expose to moisture or extreme temperatures.
- Do not exceed the maximum power rating of 125V~, 13A, 1625W. Overloading may cause damage or fire.
- Ensure the power strip is fully inserted into a grounded wall outlet.
- Do not disassemble or modify the device. Refer all servicing to qualified personnel.
- Keep away from children and pets.
- Do not use with aquariums or other water-related products.
- The surge protection feature safeguards connected devices from voltage spikes. However, it is not a substitute for proper grounding or protection against direct lightning strikes.

### Product Overview

The TESSAN Surge Protector Power Strip Tower (TPS03-US) features a compact design with multiple power options:

- **8 AC Outlets:** Distributed across four sides for convenient access and to prevent blocking.
- **3 USB Ports:** Includes 2 USB-A ports (2.4A max per port) and 1 USB-C port (3A max).
- **1700 Joule Surge Protection:** Protects connected electronics from power surges.
- **Flat Plug Design:** An ultra-thin 0.31-inch flat head with a 45-degree right-angle design allows for placement in tight spaces, such as behind furniture.
- **On/Off Switch:** A reliable switch located on top to control power to all outlets and USB ports.
- **Indicator Lights:** Green 'Grounded' and Red 'Protected' lights confirm operational status.

- **Stable Base:** Equipped with 4 rubber feet to prevent slipping.




Image: The TESSAN Surge Protector Power Strip Tower, showing its compact design, multiple outlets, USB ports, and the flat plug connected to a wall socket.



Image: A close-up view of the power strip's integrated on/off switch located on the top surface.



Image: A close-up of the base of the power strip, showing the green 'Grounded' and red 'Protected' indicator lights.

## Setup Instructions

1. **Unpack:** Carefully remove the power strip from its packaging.
2. **Placement:** Position the power strip on a stable, flat surface, ensuring adequate ventilation. The 6-foot extension cord allows for flexible placement.
3. **Connect to Wall Outlet:** Plug the flat plug of the power strip into a standard 3-prong (grounded) 125V AC wall outlet. The flat design minimizes obstruction.
4. **Verify Indicators:** Once plugged in, the green 'Grounded' and red 'Protected' indicator lights on the base should illuminate, confirming proper grounding and active surge protection.
5. **Power On:** Flip the On/Off switch on the top of the tower to the 'On' position.




Image: Illustrates the ultra-thin flat plug design (0.31 inches) of the TESSAN power strip, allowing it to fit flush against a wall behind furniture, compared to a thicker standard plug (1.51 inches).

## Operating Instructions

- **AC Outlets:** Plug your electronic devices (e.g., laptops, lamps, small appliances) into any of the 8 AC outlets. Ensure the total power consumption does not exceed 1625W.
- **USB Charging Ports:** Connect your USB-powered devices (e.g., smartphones, tablets, smartwatches) to the USB-A or USB-C ports. The power strip will automatically detect and deliver optimal charging speed up to 2.4A for USB-A and 3A for USB-C.
- **Power Control:** Use the On/Off switch on the top of the tower to conveniently power on or off all connected devices simultaneously.
- **Overload Protection:** In case of an overload, the power strip's circuit breaker will automatically trip to protect your devices. If this occurs, unplug some devices, then reset the switch.




Image: The TESSAN power strip in use on a desk, demonstrating how its 8 AC outlets, 2 USB-A ports, and 1 USB-C port can simultaneously power and charge multiple devices like laptops and a tablet.




Image: A detailed view of the USB charging section, highlighting the 1 USB-C port and 2 USB-A ports, with cables connected to different electronic devices.

## Maintenance

- **Cleaning:** Disconnect the power strip from the wall outlet before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use for extended periods, store the power strip in a cool, dry place away from direct sunlight and moisture.
- **Inspection:** Periodically inspect the power cord and the unit for any signs of damage, such as frayed wires or cracks. Discontinue use if damage is found.

## Troubleshooting

| Problem | Possible Cause | Solution |
| --- | --- | --- |

| Problem | Possible Cause | Solution |
|---|---|---|
| No power to devices. | Power strip not plugged in, On/Off switch is off, or circuit breaker tripped. | Ensure the power strip is securely plugged into a live wall outlet. Turn the On/Off switch to 'On'. If the circuit breaker tripped, unplug some devices and reset the switch. |
| USB ports not charging. | Device not compatible, faulty cable, or power strip is off. | Check if your device is compatible with USB charging. Try a different USB cable. Ensure the power strip is powered on. |
| 'Protected' indicator light is off. | Surge protection component has expired or is damaged. | The surge protection may have absorbed a significant surge and is no longer active. While the power strip may still function as an extension cord, it no longer provides surge protection. Consider replacing the unit. |

## Specifications

- **Model:** TPS03-US
- **Product Dimensions:** 3.9 x 3.9 x 5 inches
- **Item Weight:** 1.43 pounds
- **AC Input:** 125V~, 13A, 60Hz
- **Max Power Rating:** 1625W
- **Total AC Outlets:** 8
- **USB-A Output:** 5V/2.4A (Max per port)
- **USB-C Output:** 5V/3A (Max)
- **Total USB Output:** 5V/3A (15W)
- **Surge Protection:** 1700 Joules
- **Cord Length:** 6 FT
- **Special Features:** Compact, On/Off Switch, Surge Protection, USB Slots, Flat Plug

## Warranty and Support

For warranty information, technical support, or customer service inquiries, please refer to the official TESSAN website or contact TESSAN customer support directly. Keep your purchase receipt for warranty claims.


## 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.

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**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