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TESSAN TS-PS05US01

TESSAN Surge Protector Power Strip User Manual

Model: TS-PS05US01

1. Introduction

Thank you for choosing the TESSAN Surge Protector Power Strip. This device is designed to provide a safe and convenient power solution for your electronic devices. Featuring multiple AC outlets, USB-A, and USB-C charging ports, along with surge protection and a space-saving flat plug, it is ideal for use in homes, offices, and dormitories. Please read this manual thoroughly before use to ensure proper operation and safety.

2. Product Features

- **12-in-1 Power Solution:** Equipped with 8 standard AC outlets, 2 USB-A ports, and 2 USB-C ports to power and charge up to 12 devices simultaneously.
- **Fast USB Charging:** USB-C ports deliver up to 15W MAX, and USB-A ports provide up to 12W MAX, allowing for efficient charging of phones, tablets, and other compatible devices.
- **Space-Saving Flat Plug:** The ultra-thin 0.31-inch flat plug and 45-degree right-angle design allow the power strip to fit snugly behind furniture without blocking other outlets.
- **900 Joules Surge Protection:** Protects your valuable electronics from power surges and spikes, ensuring a safe and reliable charging environment.
- **Mountable Design:** Features 2 mounting holes for secure installation on walls or under desks, helping to save space and keep your area tidy. Four rubber feet on the bottom prevent slipping.



Image: TESSAN Power Strip with USB-A and USB-C ports for charging multiple devices, illustrating its function as a charging station.



Image: TESSAN 12-in-1 Power Strip, showing its compact design and numerous outlets for simultaneous device charging.



Image: TESSAN Power Strip featuring its flat plug, demonstrating how it allows furniture to be placed closer to the wall compared to standard plugs.



Image: TESSAN Power Strip highlighting its surge protection capabilities, including overcurrent, overvoltage, and short circuit protection.



Image: TESSAN Power Strip showcasing its mountable design with two keyhole slots for secure installation, ideal for saving space.

3. Setup

1. **Unpack:** Carefully remove the power strip from its packaging.
2. **Choose Location:** Select a dry, indoor location away from water, heat sources, and direct sunlight. Ensure adequate ventilation.
3. **Plug In:** Insert the flat plug into a standard 3-prong 125V AC wall outlet. The 45-degree angle allows for use in tight spaces.
4. **Cable Management:** Use the included Velcro strap to manage any excess cord length, keeping your setup neat.
5. **Optional Mounting:** For permanent installation, use the two mounting holes on the back of the unit to secure it to a wall or desk surface with appropriate screws (not included).



Image: Close-up of the TESSAN Power Strip's flat plug, designed to minimize protrusion from the wall outlet.

4. Operating Instructions

1. **Power On/Off:** Locate the master power switch on the side of the power strip. Flip the switch to the 'ON' position (indicated by a line) to supply power to all outlets and USB ports. Flip to 'OFF' to cut power.
2. **Surge Protection Indicator:** A red 'Protected' LED light on the top surface will illuminate when the power strip is actively protecting your devices from surges. If this light is off, the surge protection may be compromised, and the unit should be replaced.
3. **Connecting AC Devices:** Plug your electronic devices into any of the 8 available AC outlets. The wide spacing accommodates larger power adapters.
4. **Connecting USB Devices:** Connect your USB-powered devices to the 2 USB-A or 2 USB-C ports for charging.
5. **Resetting:** In case of an overload or significant power surge, the power strip may automatically shut off. To reset, turn the master power switch to 'OFF', unplug some devices, and then turn it back to 'ON'.



Image: Close-up view of the power switch and the red 'Protected' indicator light on the TESSAN Power Strip.

5. Specifications

Feature	Detail
Model Number	TS-PS05US01
Ratings	125V~10A MAX 1250W MAX
USB Input	100-250V~ 50/60Hz 0.5A
USB-A Output	5V ⎓ 2.4A MAX Per Port
USB-C Output	5V ⎓ 3A MAX
USB Total Output	5V ⎓ 3A MAX

Total DC Output	15W
Surge Energy Rating	900 Joules
Cord Length	5 Feet
Item Weight	14.1 ounces
Dimensions	7.17 x 6.34 x 1.69 inches (Package)
Usage Environment	USE ONLY INDOORS

6. Safety Information

- For indoor use only. Do not expose to moisture or wet conditions.
- Do not exceed the total electrical rating of 1250W.
- Ensure the power strip is plugged into a properly grounded 3-prong outlet.
- Do not disassemble, modify, or attempt to repair the unit. Contact qualified personnel for service.
- Keep out of reach of children and pets.
- Avoid placing the power strip near heat-emitting appliances or in direct sunlight.
- Do not use with aquariums or other water-related products.

7. Maintenance

- Keep the power strip clean and dry. Use a soft, dry cloth for cleaning.
- Regularly inspect the power cord and plug for any signs of damage. If damaged, discontinue use and replace the unit.
- Avoid bending or kinking the power cord excessively.

8. Troubleshooting

- **No Power to Devices:**
  - Ensure the power strip's master switch is in the 'ON' position.
  - Check if the wall outlet is functioning correctly by plugging in another device.
  - If the power strip tripped due to overload, turn the switch to 'OFF', unplug some devices, and then turn it back to 'ON'.
- **'Protected' Indicator Light is Off:**
  - If the red 'Protected' light is off, it indicates that the surge protection components have absorbed a surge and are no longer providing protection. The power strip will still function as a multi-outlet strip, but it is recommended to replace the unit to maintain surge protection for your devices.
- **USB Ports Not Charging:**
  - Ensure the USB cable is properly connected to both the device and the power strip.
  - Verify that your device is compatible with the USB charging specifications (5V).
  - Check if the total DC output of 15W is being exceeded by multiple devices. Try charging fewer devices simultaneously.

9. Warranty and Support

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

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