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› [TRIPP LITE](#) /

› [Tripp Lite PDU1215 15A 1U Rackmount Power Distribution Unit Instruction Manual](#)

TRIPP LITE PDU1215

Tripp Lite PDU1215 15A 1U Rackmount Power Distribution Unit Instruction Manual

Model: PDU1215

INTRODUCTION

This manual provides instructions for the safe and efficient installation, operation, and maintenance of your Tripp Lite PDU1215 15 Amp 1U Rackmount Power Distribution Unit. The PDU1215 is designed to distribute reliable 120V power to multiple devices in network server racks, telecom, security, and audio/video applications.

It features 13 NEMA 5-15R outlets (12 rear, 1 front) and a 15-foot NEMA 5-15P input plug. A 15A circuit breaker protects connected equipment from overloads. The switchless design prevents accidental shutdowns, ensuring continuous power to critical equipment.

SAFETY INFORMATION

- Ensure the PDU is properly grounded.
- Do not exceed the PDU's maximum current rating of 15 Amps.
- Do not attempt to open the PDU casing; there are no user-serviceable parts inside.
- Install in a dry, indoor environment.
- Connect the PDU to a properly rated and protected power source.

SETUP AND INSTALLATION

The PDU1215 offers versatile installation options to suit various environments.

Mounting Options:

- **Horizontal 1U Rackmount:** Mounts in a standard 19-inch 2-post or 4-post rack. Requires only 7.5 inches of rack depth.
- **Wallmount, Workbench, or Under-Counter:** Utilize the moveable rack ears for flexible mounting.
- **Toolless 0U Vertical Installation:** Achieved with optional PDUSIDEBRKT (sold separately).

Installation Steps:

1. Attach the included mounting hardware (rack ears) to the PDU using the provided screws. The hardware can be

added, removed, or rotated as needed for your chosen mounting configuration.

2. Secure the PDU to your desired location (rack, wall, workbench) using appropriate fasteners for the surface.
3. Connect the PDU's 15-foot NEMA 5-15P input plug to a grounded 120V AC power source.
4. Plug your equipment into the 13 NEMA 5-15R outlets (12 on the rear, 1 on the front). Ensure the total current draw does not exceed 15 Amps.



Image: Tripp Lite PDU1215 installed horizontally in a server rack, demonstrating cable management and connections to the rear outlets. This illustrates a typical rackmount setup.



Image: Front view of the Tripp Lite PDU1215, showing the single front NEMA 5-15R outlet and the overall 1U rackmount form factor.

OPERATING INSTRUCTIONS

The PDU1215 is designed for straightforward power distribution.

- Once connected to a power source and with equipment plugged in, the PDU will distribute power to all connected devices.
- The PDU features a switchless design to prevent accidental power shutdowns, ensuring continuous operation of your connected equipment.
- Monitor the total power draw of your connected equipment to ensure it does not exceed the 15 Amp capacity.

MAINTENANCE

The Tripp Lite PDU1215 requires minimal maintenance.

- Periodically inspect the power cord and outlets for any signs of damage or wear.
- Keep the PDU clean and free from dust and debris to ensure proper ventilation. Use a dry cloth for cleaning.
- Ensure all connections are secure.

TROUBLESHOOTING

If you encounter issues with your PDU1215, refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|-----------------------------------|--|--|
| No power to connected devices. | <ul style="list-style-type: none"> ◦ PDU not plugged into a live outlet. ◦ Circuit breaker tripped. ◦ Power outage. | <ul style="list-style-type: none"> ◦ Verify the PDU's input plug is securely connected to a functioning power source. ◦ Check the 15A circuit breaker on the PDU. If tripped, disconnect some equipment, then reset the breaker by pushing it back in. ◦ Confirm main power supply is active. |
| Circuit breaker trips frequently. | <ul style="list-style-type: none"> ◦ Overload: Total current draw exceeds 15 Amps. ◦ Faulty equipment. | <ul style="list-style-type: none"> ◦ Reduce the number of devices connected or redistribute the load to another power source. ◦ Disconnect equipment one by one to identify a faulty device. |
| Loose connections. | <ul style="list-style-type: none"> ◦ Cables not fully inserted. ◦ Damaged outlets/plugs. | <ul style="list-style-type: none"> ◦ Ensure all power cords are firmly seated in the PDU outlets. ◦ Inspect outlets and plugs for damage. If damaged, discontinue use and contact support. |

SPECIFICATIONS

| Feature | Detail |
|------------------------|--|
| Model Number | PDU1215 |
| Input Voltage | 120V AC |
| Input Plug | NEMA 5-15P (15 ft cord) |
| Output Receptacles | 13 x NEMA 5-15R (1 front, 12 rear) |
| Current Rating | 15 Amps |
| Circuit Breaker | 15A |
| Form Factor | 1U Horizontal Rackmount |
| Dimensions (H x W x D) | 2.3 x 20.4 x 9.5 inches (approximate, based on product dimensions) |
| Weight | 4.95 pounds |
| Special Features | Switchless design, Rear-panel grounding lug, Mountable |

WARRANTY INFORMATION

This Tripp Lite PDU1215 is covered by a **5-Year Limited Manufacturer's Warranty**. Please refer to the official Tripp Lite website or your product registration for full warranty terms and conditions.

TECHNICAL SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact Tripp Lite's expert technical support team. Support is available via phone, web, and email.

Visit the official Tripp Lite website for contact information and additional resources: www.tripplite.com