

User Manual

Rack-Mountable Power Strip

Part Number: PDU-04R20A-15C-RMBK





1. Introduction

Thank you for purchasing this rack-mountable power strip (Power Distribution Unit – PDU). This unit is designed to provide reliable power distribution to equipment installed in standard server racks and cabinets.

This product is intended for indoor use only.

2. Safety Information

Please read and follow all safety instructions before installing or using this product. Failure to follow these instructions may result in electric shock, fire, equipment damage, or personal injury.

2.1 General Safety Guidelines

DO:

- Use the power strip only in dry, indoor environments.
- Ensure the input voltage and current ratings match your power source.
- Connect the unit to a properly grounded electrical outlet.
- Mount the unit securely in a compatible server rack.
- Disconnect power before cleaning or repositioning the unit.
- Allow adequate airflow around the unit to prevent overheating.

DO NOT:

- Do not use the unit outdoors or in humid or wet environments.
 - Do not exceed the maximum rated load of the power strip.
 - Do not connect equipment that exceeds the unit's specifications.
 - Do not use damaged power cords, plugs, or outlets.
 - Do not modify the unit in any way.
 - Do not plug into a socket-outlet that is not easily accessible
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2.2 Indoor Use Only

This power strip is designed **exclusively for indoor use**. Using it outdoors or in environments exposed to moisture, dust, or extreme temperatures may result in electrical hazards and will void the warranty.

2.3 Do Not Open the Housing

Do not open the housing for any reason.

- There are no user-serviceable parts inside.
- Opening the enclosure may expose you to dangerous voltages.
- Opening the housing will void the warranty and may cause permanent damage.

If servicing is required, contact qualified service personnel or the manufacturer.

3. Product Description

This rack-mountable power strip distributes electrical power to multiple devices within a standard 19-inch server rack. It is suitable for servers, networking equipment, and other rack-mounted devices.

4. Technical Specifications

(Modify as required for your specific model)

- **Form Factor:** Rack-mountable Power Distribution Unit (P-019)
 - **Rack Compatibility:** Standard 19-inch rack
 - **Mounting Orientation:** Horizontal
 - **Input Voltage:** 125 VAC
 - **Input Frequency:** 60 Hz
 - **Maximum Current:** 20 A
 - **Maximum Load:** 2,000 W
 - **Outlet Type:** NEMA 5-20R
 - **Number of Outlets:** 8
 - **Power Cord Length:** 15 ft
 - **Operating Temperature:** 0 °C to 40 °C
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5. Basic Operation Instructions

1. Ensure the power strip is properly mounted in the server rack.
2. Verify that the total connected electrical load does not exceed the maximum rated capacity.
3. Plug the power strip's input cord into a properly grounded, easily accessible electrical outlet.
4. Connect equipment power cords to the available outlets.
5. If equipped with a power switch, turn the unit ON after all devices are connected.

Do not daisy-chain multiple power strips together.

6. Rack Mounting Instructions

6.1 Preparation

Before installation:

- Confirm the rack is stable and securely anchored.
 - Ensure sufficient clearance for cable routing and airflow.
 - Use only the mounting hardware supplied or recommended by the manufacturer.
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6.2 Mounting Procedure

1. Align the mounting brackets on the power strip with the rack's vertical mounting rails.
2. Position the unit at the desired height within the rack.
3. Secure the power strip using appropriate rack screws (typically M6 or 10-32).
4. Tighten all screws securely, but do not overtighten.
5. Route power cables to prevent strain or obstruction.

Ensure the unit is firmly mounted before connecting power to an easily accessible outlet.

7. Maintenance and Cleaning

- Disconnect the unit from the power source before cleaning.
- Clean using a dry or slightly damp cloth only.
- Do not use liquid cleaners, solvents, or aerosol sprays.
- Periodically inspect cables and outlets for signs of wear or damage.



8. Disposal

Dispose of this product in accordance with local regulations for electrical and electronic waste.