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THE TOP REASONS TO USE COLOR-CODED RACK PDUS

COLOR-CODING YOUR RACK PDUS

In critical facilities and data centers where different types of technology converge at the rack, many are transforming the inside of the IT rack to improve object recognition and identity with a color-coded pattern of rack power distribution units (PDUs). The benefits realized by incorporating a well-designed color-coding scheme will significantly improve the management of your power infrastructure, resulting in increased business efficiency and service levels.

YOU CAN DIFFERENTIATE RACK PDUS WITH:



A Color-Coded Label System



Full-Color Chassis

WHY USE COLOR-CODED RACK PDUS?

Our customers tell us that color-coded rack PDUs help to:

- ✓ Easily Find Redundant Power Feeds to IT Equipment
- ✓ Make it Easy for Technicians Working on Your IT Rack
- ✓ Clearly Identify Your Data Center's Facility Power Chain
- ✓ Reduce Lighting Requirements on Your Data Center





EASILY FIND REDUNDANT POWER FEEDS TO IT EQUIPMENT

Use color at the rack to identify the A and B power feeds, and then consistently use the repeating color pattern in all racks for consistency.

Example: "A" power feeds are "red" "B" power feeds are "blue"

This color-coded pattern helps technicians ensure redundancy in the rack so that devices get plugged into the proper power feeds. For example, a device with dual power supplies would have one power supply plugged into the "red" power feed, and the other power supply plugged into the "blue" power feed.

Tip! Don't forget also to color code your power cords to uniformly organize your racks by color hue.

MAKE IT EASY FOR TECHNICIANS WORKING ON YOUR IT RACK

- **Have you ever tried to explain which rack PDU supplies power to your server?**

You: "It's the left-hand PDU when you are looking at the cabinet."

Technician: "Which left? Should it be from the front or back of the cabinet?"

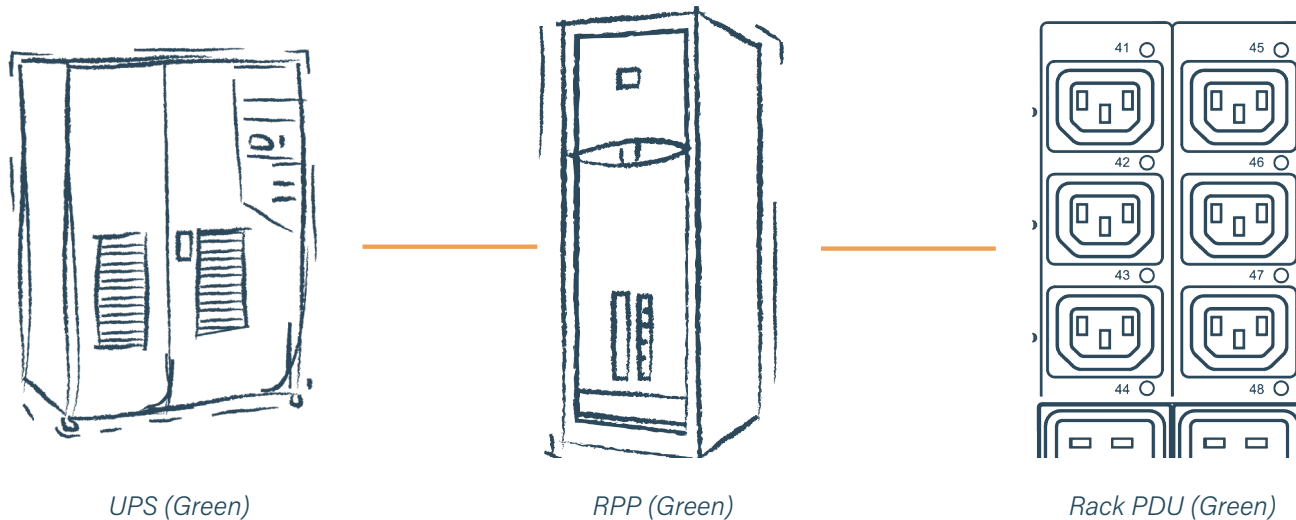
- **Why not make it easy?**

You: "It's the red PDU in the rack."

The use of color-coded rack PDUs simplifies communications. It makes it easier to troubleshoot problems in the rack, especially for technicians working in the back of densely populated, dark cabinets when they need to plug in multiple cords to the correct PDU and its associated outlets. A color-coded rack PDU keeps racks organized; helps to prevent altering the wrong equipment; and reduces time to trace and troubleshoot faults, thereby improving service levels.

CLEARLY IDENTIFY YOUR DATA CENTER'S FACILITY POWER CHAIN

- Use color-coded rack PDUs to match the same color to the entire power chain that supplies power to the rack.
- Easily identify which power chain supplies power to every server in your IT rack. For example, use color to identify different types of power, such as 208V three-phase Delta or 208V/120V three-phase Wye as an example.



Color-coded rack PDUs are designed to help you quickly and easily separate, locate, and identify your data center power distribution pathways. Precisely identify which rack PDUs are connected to which power feeds to improve your power infrastructure's overall performance, reliability, and efficiency.

REDUCE LIGHTING REQUIREMENTS IN YOUR DATA CENTER

- Many data centers are looking for ways to lower energy bills by using ambient light reflection.
- At the rack, deploying all-white rack PDUs in all-white cabinets may eliminate the need for added lighting when servicing equipment due to the color's reflective properties, in turn reducing energy absorption.
- Using color-coded rack PDUs may help provide color contrast in low-light environments, reducing eyestrain for technicians working in the back of the cabinet and preventing accidental disconnects or improper loading of primary and backup power infeeds.

Creating a more environmentally sustainable footprint is a growing focus as operators brace for heightened scrutiny, new regulations, and reporting requirements. (Source: Uptime Institute.)



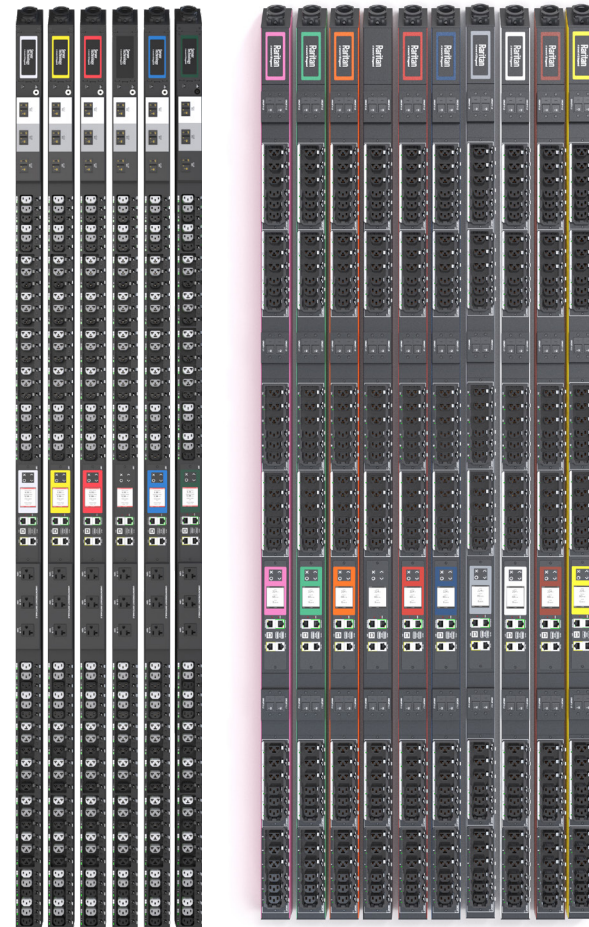
WHY RARITAN AND SERVER TECHNOLOGY FOR COLOR-CODED RACK PDUS?

Color-coded rack PDUs are an intuitive way to visually separate, locate, and brand your data center power distribution pathways. As leaders in the intelligent rack PDU market, Raritan and Server Technology were the first to offer color-coding customization options. Listening to customers made it possible.

Our rack PDUs can be color-coded* with:

- Strategically placed color labels available in red, blue, green, yellow, or white.
 - Our four-part color label system includes:
 - ✓ Color branding label
 - ✓ Color network card / Controller label
 - ✓ Color power cord band
 - ✓ Color equipment dot
- Full-color chassis available in red, blue, green, yellow, white, orange, gray, magenta, or brown.

**Standard color is black. Some availability restrictions apply.*



REDUCE LIGHTING REQUIREMENTS IN YOUR DATA CENTER

Color coding makes it easier to identify rack PDUs in the rack, in all lighting situations. Many data centers include rack-based color coding as a project requirement or look to retrofit existing implementations with a color labeling system.

Our rack PDU color-coding customization provides a quick and straightforward visual identification experience. It's now up to you to decide which color-coding option best fits your facility and project requirements to uniformly organize your rack by color hue.

RACK PDU COLOR LABELS

- Labels are manufactured from low-weight and high-impact resistance thermoplastic
- Color is visible at the most strategic locations along the PDU
- Labels are available at no extra cost, with no extension to lead time, and are optional on standard and custom models
- Can be easily included on most PDU models, retrofitted into production environments, and changed as project requirements change

FULL-COLOR CHASSIS RACK PDUS

- Chassis are professionally powder-coated for high-quality and durability
- Color is visible along the entire length of the PDU and throughout the rack
- Incurs moderate customization costs and may add lead time
- Final color decision is needed during order specifications based on customer preference



OUR MOST POPULAR RACK PDU COLOR OPTIONS



Black

Red

Blue

Green

Yellow



White

Orange

Gray

Magenta

Brown

Actual product colors may vary. Some availability restrictions apply.

CONTACT US TO LEARN MORE!

Contact our team of power experts to learn more about our rack PDU color customization options on Server Technology and Raritan Rack PDUs, PDU model compatibility, and ordering specifications.

[Get in touch!](#)

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