

How much does a rack-mounted PDUIP54 cost



AI Overview

Rack-mounted PDUs with IP54 protection typically cost between \$300 and \$1,200, depending on features, amperage, and brand.

Price Range and Factors

The cost of a rack-mounted PDU with IP54 rating varies widely based on several factors:

- Type of PDU:** Basic PDUs are generally the least expensive, while metered input, metered outlet, or intelligent PDUs with remote monitoring and switching capabilities are more costly.
- Amperage and Voltage:** Higher current ratings (e.g., 20A-30A or 208V single-phase) increase the price.
- Number and Type of Outlets:** PDUs with more outlets or mixed outlet types (C13, C19, NEMA) are priced higher.
- Brand and Build Quality:** Trusted brands like Eaton, Schneider Electric, and Dell offer durable, industrial-grade PDUs, which can command premium pricing.
- IP54 Rating:** The dust and water-resistant enclosure adds to the cost compared to standard indoor PDUs.

Typical Cost Estimates

- Basic IP54 PDU:** \$300-\$500 - Provides standard power distribution with limited monitoring.
- Metered or Monitored IP54 PDU:** \$500-\$900 - Includes input or outlet-level metering for energy monitoring.
- Intelligent or Switched IP54 PDU:** \$900-\$1,200+ - Offers remote outlet control, advanced monitoring, and surge protection.

Additional Considerations

- Installation:** Some PDUs require professional installation, especially high-amperage or three-phase units.
- Warranty and Support:** Premium models often include multi-year warranties and technical support, which can justify higher prices.
- Environment:** IP54-rated PDUs are suitable for environments with dust or occasional water exposure, such as industrial server rooms or edge data centers.

In summary, when budgeting for an IP54 rack-mounted PDU, expect to pay \$300 to \$1,200, with the final price depending on features, amperage, and brand reputation. For precise pricing, contacting vendors like Eaton, Schneider Electric, or...

Article Content

Server Rack Cost — Why Are Server Racks So

Have you wondered how much a server rack costs and how the prices for racks are formed? Below, we'll explain this point and answer the

HPE Power Distribution Units (PDU) for Server Rack

HPE PDU (Power Distribution Units) ensure efficient power delivery for server rack and rack-mounted IT environments. Optimize uptime with HPE PDU (Power

How Much Does It Cost to Power One Rack in a Data

How Much Does It Cost to Power One Rack in a Data Center? Today's organizations face an unending stream of requests for IT resource capacity to

Amazon : Rackmount Pdu

VEVOR 8 Outlet Horizontal 1U Rack Mount PDU Power Strip for Network Server Racks, Surge Protection & Overload Protection, 110-125V/15A, with 6ft 14AWG Power Cord

Eaton Managed Rack PDU

That cost adds up quickly—ten rack environments can accrue a hefty bill of \$10,000. Eaton PDUs reduce network infrastructure costs by 87.5% by allowing you to

What Is the Cost of a Server Rack? Complete Pricing

Learn how much a server rack costs in the US. Explore pricing by type, factors affecting cost, and total setup expenses for better investment

10 Best Rack-Mounted Smart PDUs (June 2026) Expert

In this guide, our team has tested and analyzed 10 of the best rack-mounted smart PDUs available in 2026. We have evaluated everything from

What is a Rack Mounted PDU? Buyer's Guide

What is a Rack PDU? A Rack PDU is a device that distributes electric power to servers and networking equipment within a rack in a data center.

Rack Mount Switches Decoded: A Comprehensive

In conclusion, rack-mount switches are crucial in building a reliable and efficient network infrastructure. We have explored the different types of rack

Rack PDU & Distribution Units | Schneider Electric UK

Easy Basic PDU provide reliable rack power distribution units (PDU) that offer more than a power strip for server rack and network rack solutions. Reliable, easy to

Data Center Rack Power Costs: A Condensed Analysis

This article provides a condensed analysis of these costs, key efficiency metrics, and optimization strategies. Understanding Data Center Rack

Rack PDU | Power distribution units for server racks | Eaton

Discover Eaton rack PDUs for small business network closets to large data centers. Select a rack PDU to fit your IT needs.

How Much Does a Rack in a Data Center Cost?

The cost of renting a rack in a data center depends on multiple factors including rack size, power consumption, bandwidth needs, location, and support levels.

How Much Does A Single Server Rack Cost

Looking to invest in a single server rack? Discover the average cost, factors to consider, and find the best deal that fits your budget.

10 Best Rack-Mounted Smart PDUs (June 2026) Expert

Discover the best rack-mounted smart PDUs for your data center. We tested 10 models for remote monitoring, power control, and reliability in 2026.

Server Rack Cost Guide for U.S. Buyers 2026

Buyers typically pay based on rack size, materials, cooling needs, and added components. The main cost drivers include cabinet height (in rack units), construction (steel, powder

Find The Right PDU For Your Data Center | Eaton

5. Considering the rack PDU operating temperature Depending on the temperature of your data center, having a rack PDU with a high operating temperature capability can keep your PDUs and connected

Rack Power Distribution

Rack PDU Accessories Cord retention brackets and vertical-mount bracket kits to complete rack power distribution solutions Accessories support a variety of third

Rack mount PDU solutions

Rack mount PDUs effectively distribute power to racks where multiple outlets are necessary. Beyond the capabilities of a power strip, a rack PDU offers a range of intelligent features to help control the

Rack Mount PDU: Power Distribution Solutions Explained

Rack Power Distribution Units (rPDUs) are the last link in the power chain and ensure delivery of critical power to IT loads. The rPDU is designed to distribute power to all types of IT

Eaton Rack PDU G4

Industry-leading, high-density 0U mounted PDU that provides 24, 42 or 48 evenly distributed outlets on a 42U chassis. Its low-profile circuit breakers are flush with the chassis, and its narrow, single-wide

Rack PDU

Shop Rack Power Distribution Units (PDUs) at Server Racks Online. Explore rack-mounted, vertical, horizontal, intelligent, and surge-protected PDUs for server racks. Perfect for IT and data centers,

Amazon : Power Distribution Units

Online shopping for PDUs - Batteries, Chargers & Accessories from a great selection at Electronics Store.

Rack PDU & Distribution Units | Schneider Electric UK

Choose Schneider Electric rack PDUs, PDU racks, or rack PDA solutions for dependable, efficient, and intelligent power distribution tailored to the needs of modern IT environments and data centres.

Rack and Pinion Replacement Cost Estimate

Estimates last updated June 18, 2026 Rack and Pinion Replacement Cost Estimate
The average cost for a Rack and Pinion Replacement is between \$2,248 and

Power Distribution Units (PDU) – Intellinet Europe

Our portfolio includes 10" and 19" PDUs as well as vertical rack power strips, offering flexible options for different rack sizes and installation requirements. With 4 to 15 outlets, our PDUs provide tailored

Rackmount PDUs

These versatile units are designed to be mounted within server racks, providing a streamlined and organized solution for powering multiple devices. Ideal for optimizing space and enhancing power

10 Best Rack-Mounted Smart Power Distribution Units

Power your gear with the 12 best rack-mounted smart power distribution units (June 2026) complete guide. Discover reliable, intelligent PDUs

How much does Pallet Racking cost?

How much does Pallet Racking cost? The cost of installing pallet racks in 2025 will vary depending on the type of rack, size, and level of

10 Things to Consider When Choosing a Rack PDU

Because they can be longer, vertically mounted PDUs tend to offer more receptacles per unit. The number of receptacles in a rack PDU is often

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.sky-connect.co.za>

Email: info@sky-connect.co.za

Phone: +44 20 7946 0958

Address: 1 Cornhill, London EC3V 3ND, United Kingdom

This document is for informational purposes only. Specifications subject to change without notice.

