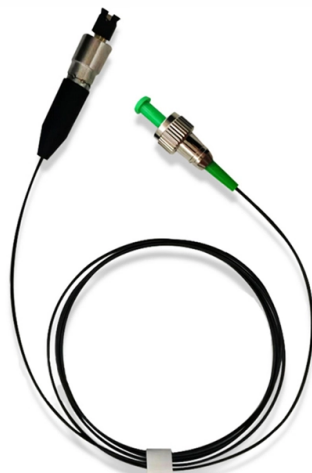


Rack-mount network surge protector



Overview

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Key Takeaways

Rackmount surge protectors safeguard network and server equipment from voltage spikes, offering multiple outlets, high joule ratings, and flexible rack installation options. Key Features to Consider

Surge Protection Rating (Joules): Look for a rating of at least 1,000–2,000 joules for standard network equipment, with 4,000 joules or higher recommended for critical systems to absorb larger surges and protect sensitive electronics . **Outlet Count and Spacing:** Rackmount surge protectors typically offer 8–30 outlets. Consider models with front and rear outlets for flexible device connections and spacing to accommodate bulky plugs or power bricks . **Form Factor:** Most surge protectors fit into 1U or 2U rack spaces. Ensure the unit fits your 19-inch rack and available vertical space . **Mounting Options:** Many units can be mounted horizontally or vertically using included brackets and screws. Cord retention trays help prevent strain on connected cables . **Housing and Safety Certifications:** Metal housings provide durability, while UL/ETL certifications ensure compliance with safety standards. LED indicators and resettable breakers offer visual status and additional protection . **Cord Length and Plug Type:** Choose a cord long enough to reach a grounded circuit. Standard NEMA 5-15P plugs are common, with 15 ft cords providing flexibility in placement . **Additional Features:** Some models include noise filtering to reduce RFI/EMI, individual outlet control, or remote monitoring capabilities for network management .

Recommended Models

- CyberPower CPS1215RMS: 12 outlets (6 front, 6 rear), 1,800 J, 15 ft cord, 1U metal housing, suitable for small data rooms or network closets .
- CyberPower CPS1615RMS: 16 outlets, 1,800 J, compact 1U design, horizontal or vertical mounting .
- Tripp Lite RS1215-RA: 14 outlets, 15 ft cord, industrial-grade metal housing, reliable surge suppression .
- StarTech 8-outlet Rackmount: Independent LED indicators for each outlet, metal housing, compact design .
- Pyle PCO850: 8-9 outlets, sturdy steel chassis, built-in noise filters .

Benefits

- Comprehensive Device Protection: Protects servers, switches, and other network devices from voltage spikes, lightning, and utility switching surges .
- Space Efficiency: Fits neatly into standard racks, optimizing space in data centers or network closets .
- Reliable Surge Suppression: Metal oxide varistors (MOVs) absorb excess voltage, while fuses or circuit breakers provide additional safety .
- Convenient Connectivity: Multiple outlets and front/rear access simplify device connections and cable management .

Summary

A rackmount surge protector is essential for network racks to prevent equipment damage, data loss, and downtime. Prioritize units with sufficient joule ratings, adequate outlets, durable metal housing, and flexible mounting options. For small to medium network setups, the CyberPower CPS1215RMS is a versatile choice, while larger or critical systems may benefit from higher-rated models like the CPS1615RMS or Tripp Lite RS1215-RA .

Article Content

24 Port Gigabit Ethernet Lightning/Surge Protector with 120V

About this item High-Speed Surge Protection – Protects sensitive network equipment from power surges and lightning strikes while

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