

OVERVIEW

Upgradeable Switched Unit Level Monitored EC rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of input power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. Upgrade the hot-swappable monitoring device on select units to leverage new technologies and accommodate changing business needs.

Benefits

- Remotely reboot outlets to power cycle unresponsive IT equipment or increase runtime of critical equipment upon power failure with outlet-level control.
- Reliable power distribution with local and remote power monitoring options offer quick access to critical power usage information to evaluate energy usage trends and maximize uptime.
- Environmental monitoring capabilities with the addition of optional environmental sensors ensure users have critical infrastructure data at their fingertips to prevent climate-related equipment failure and system downtime.
- Fault-Tolerant Daisy Chaining with RSTP simplifies intelligent rPDU connectivity and ensures data is reported even when a break in the network chain occurs. Supports up to 40 rPDUs.
- Gather comprehensive power data at the palm of your hand with the use of



Part #: VP53101

Model Number: MNS3E1R6-12S203-3TL5A0H10-S

Category: Switched

Sub Category: Unit Level Monitoring EC

Power Configuration: 30A, 120V, 2.8kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary:

rPDU, Switched Unit Level Monitoring EC, 30A, 120V, 2.8kW, Horizontal, (12) NEMA 5-20R, 10ft / 3m power cord with L5-30P, Black Powder Coat.

Monitoring:

Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:



L5-30P

Receptacle:



NEMA 5-20R
(Quantity: 12)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

the Vertiv VLC mobile app.

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|--|---|
| Monitoring | Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| Input Monitoring | Phase (A) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Circuit Monitoring | Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| Remote Power Management | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up |
| VLC Support | Yes |
| Quantity Of Inputs | 1 |
| Voltage | 100-120V |
| Current | 30A |
| VA per Input (Load Capacity) | 2.8kW (120V) |
| Frequency | 50/60Hz |
| Over Current Protection | (2) 20A Single Pole Magnetic Breakers (10kAIC Rated) |
| Switch | Breaker/Switch Combination |
| Scrolling / Rotatable Digital Display | Yes |
| Indicators - LED(s) | 12 |
| Power Cable Wire Gauge | 10/3 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Left Rear |
| Plug Type | NEMA L5-30P Twistlock |
| Receptacle/Socket Type #1 | NEMA 5-20R |
| - Quantity on Rear | 12 |
| - Quantity per Breaker | 6 |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 120V |
| Network Connection | Dual 10/100Mbps Ethernet |
| Protocols Supported | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+ |
| Data Access Formats | CSV datalog, JSON API, JSON datalog |
| USB Support | Yes |
| IP Reset Button | Yes |
| Hard Reboot Button | Yes |
| Serial Connection | RS232 via RJ45 |
| Remote Sensor RJ Connection Jacks | 1 (Supports up to 16 Sensors) |
| Maximum Operating Temperature | 60C / 140F |
| Heavy Steel - Powder Coat Finish | Black |
| Configuration | 19in / 483mm Horizontal Rackmount |
| Adjustable Mount Brackets | Yes |

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|---------------------------------------|---|
| Country of Origin | USA, TAA Compliant |
| Product Warranty | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Certification/Agency Approvals | RoHS Compliant |
| Certification/Agency Approvals | UL & c-UL Listed 60950 |
| Chassis Dimensions (HxWxD) | 1.72in x 17in x 12in / 44mm x 432mm x 305mm |
| Shipped Weight | 12lbs (5.44kg) |