

OVERVIEW

Upgradeable Unit Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of input level 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

- 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.
- Every unit is 100% tested for reliability and functionality.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



Part #: VP8832

Model Number: MN03E4B1-24D203-3TL5A0A10-S

Category: Monitored

Sub Category: Unit Level

Power Configuration: 30A, 120V, 2.8kW

Physical Configuration: 66in / 1683mm, Vertical

Product Summary:

rPDU, Monitored Unit Level EC, 30A, 120V, 2.8kW, Vertical, (24) NEMA 5-20R, 10ft power cord with L5-30P, Black Powder Coat.

Monitoring:

Input power monitoring with breaker level 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: 24)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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|--|---|
| Monitoring | Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| Monitoring Level 1 | 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 |
| Monitoring Level 2 | Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| 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 |
| Switch | Breaker/Switch Combination |
| Scrolling / Rotatable Digital Display | Yes |
| Power Cable Wire Gauge | 10/3 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Bottom Front |
| Plug Type | NEMA L5-30P Twistlock |
| Receptacle/Socket Type #1 | NEMA 5-20R |
| - Quantity on Face | 24 |
| - Quantity per Breaker | 12 |
| - Style | Duplex |
| - Voltage per Receptacle/Socket | 120V |
| Internal RMS Voltage Sensor | Yes |
| Internal RMS Current Sensor | Yes |
| Network Connection | Dual 10/100/1000Mbps Ethernet |
| Protocols Supported | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP |
| 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 | 66in / 1683mm Vertical Rackmount |
| 7938 Vertical Mounting Bracket Kit | Yes |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in |
| Country of Origin | USA, TAA Compliant and Buy American Act COTS Compliant |

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|---------------------------------------|---|
| Product Warranty | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| Certification/Agency Approvals | RoHS Compliant |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Certification/Agency Approvals | UL & c-UL Listed 62368-1 |
| Chassis Dimensions (LxWxD) | 66.25in x 2.0in x 2.0in |
| Shipped Weight | 16lbs (7.26kg) |