## 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.

- Gather comprehensive power data at the palm of your hand with the use of the Vertiv VLC mobile app.

- 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.

## Part #: VP8830

**Model Number:** MN03E4B0-24D203-2TL5A0A10-S
**Category:** Monitored
**Sub Category:** Unit Level EC
**Power Configuration:** 20A, 120V, 1.9kW
**Physical Configuration:** 66in / 1683mm, Vertical

**Product Summary:**   rPDU, Monitored Unit Level EC, 20A, 120V, 1.9kW, Vertical, (24) NEMA 5-20R, 10ft power cord with L5-20P, Black Powder Coat.

**Monitoring:**   Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

**Plug Form:**



L5-20P

**Receptacle:**



NEMA 5-20R
(Quantity: 24)

### Chassis Color Options:



*To discuss color options, contact your local sales representative.*

## Product Specification and Options

### System Features

| | |
|---|---|
| Monitoring | Input power 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 |

| | |
|---|---|
| VLC Support | Yes |
| Quantity Of Inputs | 1 |
| Voltage | 100-120V |
| Current | 20A |
| VA per Input (Load Capacity) | 1.9kW (120V) |
| Frequency | 50/60Hz |
| Over Current Protection | None |
| Switch | No |
| Scrolling / Rotatable Digital Display | Yes |
| Power Cable Wire Gauge | 12/3 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Bottom Front |
| Plug Type | NEMA L5-20P Twistlock |
| Receptacle/Socket Type #1 | NEMA 5-20R |
| - Quantity on Face | 24 |
| - 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+ |
| 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 |
| 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 62368-1 |
| Chassis Dimensions (LxWxD) | 66.25in x 2.0in x 2.0in |
| Shipped Weight | 15lbs (6.8kg) |