

## 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 #: VP4N30A8

**Model Number:** MN05M4B1-24D203-3TL21A0A10-S

**Category:** Monitored

**Sub Category:** Unit Level

**Power Configuration:** 30A, 120/208V WYE, 8.6kW

**Physical Configuration:** 66in / 1683mm, Vertical

**Product Summary:** rPDU, Monitored Unit Level EC, 30A, 120/208V WYE, 8.6kW, Vertical, (24) NEMA 5-20R, 10ft power cord with L21-30P, Black Powder Coat.

**Monitoring:** Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

### Plug Form:



L21-30P

### Receptacle:



NEMA 5-20R  
(Quantity: 24)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|  |   |
|--|---|
| <b>Monitoring</b>                              | Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display. |
| <b>Monitoring Level 1</b>                      | Aggregate - Total Unit Monitoring (kWh, W, VA, PF)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements   |
| <b>Monitoring Level 2</b>                      | Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements  |
| <b>Monitoring Level 3</b>                      | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy   |
| <b>Quantity Of Inputs</b>                      | 1   |
| <b>Voltage</b>                                 | 100-120/200-240V WYE  |
| <b>Current</b>                                 | 30A x 3 Phase WYE   |
| <b>VA per Input (Load Capacity)</b>            | 8.6kW (120V)  |
| <b>Frequency</b>                               | 50/60Hz   |
| <b>Over Current Protection</b>                 | (6) 20A Single Pole Magnetic Breakers   |
| <b>Switch</b>                                  | Breaker/Switch Combination  |
| <b>LCD Touchscreen Display / Auto Oriented</b> | Yes   |
| <b>Power Cable Wire Gauge</b>                  | 10/5  |
| <b>Power Cable Length</b>                      | 10ft / 3m   |
| <b>Power Entry Location</b>                    | Bottom Front  |
| <b>Plug Type</b>                               | NEMA L21-30P Twistlock  |
| <b>Receptacle/Socket Type #1</b>               | NEMA 5-20R  |
| <b>- Quantity on Face</b>                      | 24  |
| <b>- Quantity per Breaker</b>                  | 4   |
| <b>- Quantity per Phase</b>                    | 8   |
| <b>- Style</b>                                 | Duplex  |
| <b>- Voltage per Receptacle/Socket</b>         | 120V  |
| <b>Internal RMS Voltage Sensor</b>             | Yes   |
| <b>Internal RMS Current Sensor</b>             | Yes   |
| <b>Network Connection</b>                      | Dual 10/100/1000Mbps Ethernet   |
| <b>Protocols Supported</b>                     | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP  |
| <b>Data Access Formats</b>                     | CSV datalog, JSON API, JSON datalog   |
| <b>USB Support</b>                             | Yes   |
| <b>IP Reset Button</b>                         | Yes   |
| <b>Hard Reboot Button</b>                      | Yes   |
| <b>Serial Connection</b>                       | RS232 via RJ45  |
| <b>Remote Sensor RJ Connection Jacks</b>       | 1 (Supports up to 16 Sensors)   |
| <b>Maximum Operating Temperature</b>           | 60C / 140F  |
| <b>Heavy Steel - Powder Coat Finish</b>        | Black   |

|  |   |
|--|---|
| <b>Configuration</b>   | 66in / 1683mm Vertical Rackmount  |
| <b>7938 Vertical Mounting Bracket Kit</b>                    | Yes   |
| <b>Toolless Mounting Hardware - Center to Center Spacing</b> | 61.25in and 64.75in   |
| <b>Country of Origin</b>                                     | USA, TAA Compliant and Buy American Act COTS Compliant  |
| <b>Product Warranty</b>                                      | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| <b>Certification/Agency Approvals</b>                        | RoHS Compliant  |
| <b>Certification/Agency Approvals</b>                        | FCC Part 15 Class A Conformance   |
| <b>Certification/Agency Approvals</b>                        | UL & c-UL Listed 62368-1  |
| <b>Chassis Dimensions (LxWxD)</b>                            | 66.25in x 2in x 2.25in  |
| <b>Shipped Weight</b>  | 17lbs (7.71kg)  |