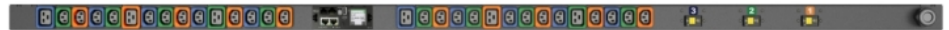


## OVERVIEW

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 #: VP4N30AC

**Model Number:** MN05M4W1-30PN68-3TL15A0A10-S-A

**Category:** Monitored

**Sub Category:** Unit Level

**Power Configuration:** 30A, 208V DELTA, 8.6kW

**Physical Configuration:** 72in / 1829mm, Vertical

**Product Summary:** rPDU, Monitored Unit Level EC, 30A, 208V DELTA, 8.6kW, Vertical, (24) Locking IEC C13, (6) Locking IEC C19, 10ft power cord with L15-30P, 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:



L15-30P

### Receptacle:



Locking IEC C13  
(Quantity: 24)



Locking IEC C19  
(Quantity: 6)

### 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 (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A)<br>Line (A,B,C) Monitoring (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>                                      | 200-240V Delta  |
| <b>Current</b>                                      | 30A x 3 Phase DELTA   |
| <b>VA per Input (Load Capacity)</b>                 | 8.6kW (208V)  |
| <b>Frequency</b>                                    | 50/60Hz   |
| <b>Over Current Protection</b>                      | (3) 20A Double Pole Magnetic Breakers   |
| <b>Switch</b>                                       | Breaker/Switch Combination  |
| <b>LCD Touchscreen Display / Auto Oriented</b>      | Yes   |
| <b>Power Cable Wire Gauge</b>                       | 10/4  |
| <b>Power Cable Length</b>                           | 10ft / 3m   |
| <b>Power Entry Location</b>                         | Bottom Front  |
| <b>Plug Type</b>                                    | NEMA L15-30P Twistlock  |
| <b>Combined Total Receptacle/Socket Quantity</b>    | 30  |
| <b>Alternating Phase/Circuits</b>                   | Yes   |
| <b>Receptacle/Socket Type #1</b>                    | U-Lock IEC C13  |
| <b>- Quantity on Face</b>                           | 24  |
| <b>- Quantity per Breaker and Phase Combination</b> | 8   |
| <b>- U-Lock Color ID</b>                            | 3 Circuit = Orange, Green, Blue   |
| <b>- Style</b>                                      | Individual  |
| <b>- Voltage per Receptacle/Socket</b>              | 208V  |
| <b>Receptacle/Socket Type #2</b>                    | U-Lock IEC C19  |
| <b>- Quantity on Face</b>                           | 6   |
| <b>- Quantity per Breaker and Phase Combination</b> | 2   |
| <b>- U-Lock Color ID</b>                            | 3 Circuit = Orange, Green, Blue   |
| <b>- Style</b>                                      | Individual  |
| <b>- Voltage per Receptacle/Socket</b>              | 208V  |
| <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>   | 72in / 1829mm 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>                            | 72in x 2in x 2in   |
| <b>Shipped Weight</b>  | 17lbs (7.71kg)   |