

## 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 #: VP4N30AN

**Model Number:** MN05M4W1-36CF18-3TL21A0A10-S-A

**Category:** Monitored

**Sub Category:** Unit Level

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

**Physical Configuration:** 70in / 1778mm, Vertical

### Product Summary:

rPDU, Monitored Unit Level EC, 30A, 120/208V WYE, 8.6kW, Vertical, (36)  
Combination C13/C19, 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 LED display.

### Plug Form:



L21-30P

### Receptacle:



Combination C13/C19  
(Quantity: 36)

### 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 LED display. |
| <b>Input Monitoring</b>                             | Total Unit Monitoring (kWh, W, VA, PF)<br>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>Circuit Monitoring</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 (208V)  |
| <b>Frequency</b>                                    | 50/60Hz   |
| <b>Over Current Protection</b>                      | (3) 20A Double Pole Magnetic Breakers (22kAIC Rated)  |
| <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>Alternating Phase/Circuits</b>                   | Yes   |
| <b>Receptacle/Socket Type #1</b>                    | Combination C13/C19   |
| <b>- Quantity on Face</b>                           | 36  |
| <b>- Quantity per Breaker and Phase Combination</b> | 12  |
| <b>- Circuit Color ID</b>                           | 3 Circuit = Orange, Green, Blue   |
| <b>- Style</b>                                      | Banks of 6  |
| <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>                                | Zero U  |

|   |   |
|---|---|
| 7938 Vertical Mounting Bracket Kit                    | Yes   |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in / 1556mm and 1645mm   |
| 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                        | RoHS Compliant  |
| Certification/Agency Approvals                        | FCC Part 15 Class A Conformance   |
| Certification/Agency Approvals                        | UL & c-UL Listed 62368-1  |
| Chassis Dimensions (LxWxD)                            | 70in x 2in x 2in / 1778mm x 51mm x 51mm   |
| Shipped Weight  | 17lbs (7.71kg)  |