

## OVERVIEW

Upgradeable Outlet Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of outlet 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
- Every unit is 100% tested for reliability and functionality. 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.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



## Part #: VP6N31A3

**Model Number:** MNR5M1R6-12CF18-3TL15A0H10-S

**Category:** Monitored

**Sub Category:** Outlet Level

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

**Physical Configuration:** 19in / 483mm, Horizontal

### Product Summary:

rPDU, Monitored Outlet Level EC, 30A, 208V DELTA, 8.6kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with L15-30P, Black Powder Coat.

### Monitoring:

Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

### Plug Form:



L15-30P

### Receptacle:



Combination C13/C19  
(Quantity: 12)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|   |  |
|---|--|
| <b>Monitoring</b>                                   | Input and Outlet power monitoring. 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 (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>Circuit Monitoring</b>                           | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy  |
| <b>Outlet Monitoring</b>                            | Outlet 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>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 (10kAIC Rated)   |
| <b>Switch</b>                                       | Breaker/Switch Combination   |
| <b>LCD Touchscreen Display / Auto Oriented</b>      | Yes  |
| <b>Indicators - LED(s)</b>                          | 12   |
| <b>Power Cable Wire Gauge</b>                       | 10/4   |
| <b>Power Cable Length</b>                           | 10ft / 3m  |
| <b>Power Entry Location</b>                         | Left Rear  |
| <b>Plug Type</b>                                    | NEMA L15-30P Twistlock   |
| <b>Receptacle/Socket Type #1</b>                    | Combination C13/C19  |
| <b>- Quantity on Rear</b>                           | 12   |
| <b>- Quantity per Breaker and Phase Combination</b> | 4  |
| <b>- Circuit Color ID</b>                           | 3 Circuit = Orange, Green, Blue  |
| <b>- Style</b>                                      | Banks of 6   |
| <b>- Voltage per Receptacle/Socket</b>              | 208V   |
| <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>                     | 19in / 483mm Horizontal Rackmount   |
| <b>Adjustable Mount Brackets</b>         | Yes   |
| <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 (HxWxD)</b>        | 1.72in x 17in x 12in / 44mm x 432mm x 305mm   |
| <b>Shipped Weight</b>                    | 18lbs (8.16kg)  |