

## 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 #: VP6N3001

**Model Number:** MNR3EGW1-36CF18-3TL6A0A10-S

**Category:** Monitored

**Sub Category:** Outlet Level EC

**Power Configuration:** 30A, 208V, 4.9kW

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

### Product Summary:

rPDU, Monitored Outlet Level EC, 30A, 208V, 4.9kW, Vertical, (36) Combination C13/C19, 10ft / 3m power cord with L6-30P, Black Powder Coat.

### Monitoring:

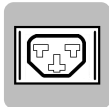
Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:



L6-30P

Receptacle:



Combination C13/C19  
(Quantity: 36)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

|                                       |                                                                                                                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |
| Input Monitoring                      | Phase (A) 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                                                 |
| Circuit Monitoring                    | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy                                                                      |
| Outlet Monitoring                     | 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.                                                   |
| Quantity Of Inputs                    | 1                                                                                                                                                                                                  |
| Voltage                               | 200-240V                                                                                                                                                                                           |
| Current                               | 30A                                                                                                                                                                                                |
| VA per Input (Load Capacity)          | 4.9kW (208V)                                                                                                                                                                                       |
| Frequency                             | 50/60Hz                                                                                                                                                                                            |
| Over Current Protection               | (2) 20A Double Pole Magnetic Breakers (10kAIC Rated)                                                                                                                                               |
| Switch                                | Breaker/Switch Combination                                                                                                                                                                         |
| Scrolling / Rotatable Digital Display | Yes                                                                                                                                                                                                |
| Indicators - LED(s)                   | 36                                                                                                                                                                                                 |
| Power Cable Wire Gauge                | 10/3                                                                                                                                                                                               |
| Power Cable Length                    | 10ft / 3m                                                                                                                                                                                          |
| Power Entry Location                  | Bottom Front                                                                                                                                                                                       |
| Plug Type                             | NEMA L6-30P Twistlock                                                                                                                                                                              |
| Receptacle/Socket Type #1             | Combination C13/C19                                                                                                                                                                                |
| - Quantity on Face                    | 36                                                                                                                                                                                                 |
| - Quantity per Breaker                | 18                                                                                                                                                                                                 |
| - Circuit Color ID                    | 2 Circuit = Orange, Green                                                                                                                                                                          |

|                                                       |                                                                                                                  |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| - Style                                               | Banks of 6                                                                                                       |
| - Voltage per Receptacle/Socket                       | 208V                                                                                                             |
| 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+, Modbus TCP |
| 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                                         | Zero U                                                                                                           |
| 7938 Vertical Mounting Bracket Kit                    | Yes                                                                                                              |
| Toolless Mounting Hardware - Center to Center Spacing | 36.75in, 61.25in and 64.75in / 934mm, 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 2.6in / 1778mm x 51mm x 66mm                                                                        |
| Doghouse (D)                                          | 1.4in / 36mm                                                                                                     |
| Shipped Weight                                        | 20lbs (9.07kg)                                                                                                   |