

## 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 #: NR30029L

**Model Number:** MNR3EHW1-48L138-3TL15A0A10-S-A

**Category:** Monitored

**Sub Category:** Outlet Level

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

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

**Product Summary:** rPDU, Monitored Outlet Level EC, 30A, 208V Delta, 8.6kW, Vertical, (48) Locking IEC C13, 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:



Locking IEC C13  
(Quantity: 48)

### 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                             | 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 |
| 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 Delta                                                                                                                                                                                                                         |
| Current                                      | 30A x 3 Phase DELTA                                                                                                                                                                                                                    |
| VA per Input (Load Capacity)                 | 8.6kW (208V)                                                                                                                                                                                                                           |
| Frequency                                    | 50/60Hz                                                                                                                                                                                                                                |
| Over Current Protection                      | (3) 20A Double Pole Magnetic Breakers (5kAIC Rated)                                                                                                                                                                                    |
| Switch                                       | Breaker/Switch Combination                                                                                                                                                                                                             |
| Scrolling / Rotatable Digital Display        | Yes                                                                                                                                                                                                                                    |
| Indicators - LED(s)                          | 48                                                                                                                                                                                                                                     |
| Power Cable Wire Gauge                       | 10/4                                                                                                                                                                                                                                   |
| Power Cable Length                           | 10ft / 3m                                                                                                                                                                                                                              |
| Power Entry Location                         | Bottom Front                                                                                                                                                                                                                           |
| Plug Type                                    | NEMA L15-30P Twistlock                                                                                                                                                                                                                 |
| Alternating Phase/Circuits                   | Yes                                                                                                                                                                                                                                    |
| Receptacle/Socket Type #1                    | U-Lock IEC C13                                                                                                                                                                                                                         |
| - Quantity on Face                           | 48                                                                                                                                                                                                                                     |
| - Quantity per Breaker and Phase Combination | 16                                                                                                                                                                                                                                     |
| - U-Lock Color ID                            | 3 Circuit = Orange, Green, Blue                                                                                                                                                                                                        |
| - Style                                      | Individual                                                                                                                                                                                                                             |
| - 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 | 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 3.7in x 2.6in / 1778mm x 94mm x 66mm                                                               |
| Shipped Weight                                        | 22lbs (9.98kg)                                                                                            |