

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 #: NR30217

Model Number: MNR3EDR6-24CF18-3TL21A0H10-S

Category: Monitored

Sub Category: Outlet Level

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

Physical Configuration: 19in / 483mm, Horizontal

Product Summary:

rPDU, Monitored Outlet Level EC, 30A, 120/208V WYE, 8.6kW, Horizontal, (24) Combination C13/C19, 10ft / 3m power cord with L21-30P, 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:



L21-30P

Receptacle:



Combination C13/C19
(Quantity: 24)

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) Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Circuit Monitoring | Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| Outlet Monitoring | Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements. |
| Quantity Of Inputs | 1 |
| Voltage | 100-120/200-240V WYE |
| Current | 30A x 3 Phase WYE |
| VA per Input (Load Capacity) | 8.6kW (208V) |
| Frequency | 50/60Hz |
| Over Current Protection | (3) 20A Double Pole Magnetic Breakers (10kAIC Rated) |
| Switch | Breaker/Switch Combination |
| Scrolling / Rotatable Digital Display | Yes |
| Indicators - LED(s) | 24 |
| Power Cable Wire Gauge | 10/5 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Left Rear |
| Plug Type | NEMA L21-30P Twistlock |
| Receptacle/Socket Type #1 | Combination C13/C19 |
| - Quantity on Rear | 24 |
| - Quantity per Breaker and Phase Combination | 8 |
| - Circuit Color ID | 3 Circuit = Orange, Green, Blue |
| - 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 | 2U |
| 19in Recess Mount | Yes |
| 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 (HxWxD) | 3.48in x 17in x 12in / 89mm x 432mm x 305mm |
| Shipped Weight | 20lbs (9.07kg) |