

## OVERVIEW

Upgradeable Switched Unit Level Monitored EC rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of input 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

- Remotely reboot outlets to power cycle unresponsive IT equipment or increase runtime of critical equipment upon power failure with outlet-level control.
- 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.
- Daisy-chain up to 50 devices on a single IP address and reduce



## Part #: NS30020L

**Model Number:** MNS3EGW1-36MT79-3TL21A0A10-S-A

**Category:** Switched

**Sub Category:** Unit Level Monitoring

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

**Physical Configuration:** 72in / 1829mm, Vertical

**Product Summary:** rPDU, Switched Unit Level Monitoring EC, 30A, 120/208V WYE, 8.6kW, Vertical, (24) Locking IEC C13, (6) Locking IEC C19, (6) NEMA 5-20R, 10ft / 3m power cord with L21-30P, Black Powder Coat.

**Monitoring:** Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

### Plug Form:



L21-30P

### Receptacle:



Locking IEC C13  
(Quantity: 24)



Locking IEC C19  
(Quantity: 6)



NEMA 5-20R  
(Quantity: 6)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

deployment time with self-configuration of downstream devices.

## Product Specification and Options

### System Features

|  |   |
|--|---|
| <b>Monitoring</b>                                | Input power monitoring with Outlet switching. 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>Remote Power Management</b>                   | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  |
| <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 (10kAIC Rated)  |
| <b>Switch</b>                                    | Breaker/Switch Combination  |
| <b>Scrolling / Rotatable Digital Display</b>     | Yes   |
| <b>Indicators - LED(s)</b>                       | 36  |
| <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>Combined Total Receptacle/Socket Quantity</b> | 36  |
| <b>Alternating Phase/Circuits</b>                | Yes   |
| <b>Receptacle/Socket Type #1</b>                 | U-Lock IEC C13  |
| - Quantity on Face                               | 24  |
| - Quantity per Breaker and Phase Combination     | 8   |
| - U-Lock Color ID                                | 3 Circuit = Orange, Green, Blue   |
| - Style  | Individual  |
| - Voltage per Receptacle/Socket                  | 208V  |
| <b>Receptacle/Socket Type #2</b>                 | U-Lock IEC C19  |
| - Quantity on Face                               | 6   |
| - Quantity per Breaker and Phase Combination     | 2   |
| - U-Lock Color ID                                | 3 Circuit = Orange, Green, Blue   |
| - Style  | Individual  |
| - Voltage per Receptacle/Socket                  | 208V  |
| <b>Receptacle/Socket Type #3</b>                 | NEMA 5-20R  |
| - Quantity on Face                               | 6   |

|   |  |
|---|--|
| - Quantity per Breaker and Phase                      | 2  |
| - Style   | Individual   |
| - Voltage per Receptacle/Socket                       | 120V   |
| 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)                            | 72in x 2in x 2.6in / 1829mm x 51mm x 66mm  |
| Doghouse (D)  | 1.4in / 36mm   |
| Shipped Weight  | 22lbs (9.98kg)   |