

## OVERVIEW

Upgradeable Switched Outlet Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of outlet level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. With the Geist Upgradeable hot-swap technology, users may easily update the rPDU technology with the addition of the appropriate Interchangeable Monitoring Device (IMD) as business needs change.

### 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 outlet-level power monitoring options offer quick access to critical power usage information down to the device level 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.



## Part #: NU30211

**Model Number:** MNU3E1R6-12CF18-4CS15A0H10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring EC

**Power Configuration:** 35A, 208V DELTA, 10.0kW

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

### Product Summary:

rPDU, Switched Outlet Level Monitoring EC, 35A, 208V DELTA, 10.0kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 3P+E CA, Black Powder Coat.

### Monitoring:

Input and Outlet 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:



3P+E CA

### Receptacle:



Combination C13/C19  
(Quantity: 12)

### Chassis Color Options:

- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|                                              |                                                                                                                                                                                                                                        |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring                                   | Input and Outlet power monitoring with Outlet switching.<br>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.                                                                                       |
| Remote Power Management                      | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up                                                                                                                                             |
| Quantity Of Inputs                           | 1                                                                                                                                                                                                                                      |
| Voltage                                      | 200-240V Delta                                                                                                                                                                                                                         |
| Current                                      | 35A x 3 Phase DELTA                                                                                                                                                                                                                    |
| VA per Input (Load Capacity)                 | 10.0kW (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)                          | 12                                                                                                                                                                                                                                     |
| Power Cable Wire Gauge                       | 8/4                                                                                                                                                                                                                                    |
| Power Cable Length                           | 10ft / 3m                                                                                                                                                                                                                              |
| Power Entry Location                         | Left Rear                                                                                                                                                                                                                              |
| Plug Type                                    | California Style 50A, 250V, 3P/4W Twistlock                                                                                                                                                                                            |
| Receptacle/Socket Type #1                    | Combination C13/C19                                                                                                                                                                                                                    |
| - Quantity on Rear                           | 12                                                                                                                                                                                                                                     |
| - Quantity per Breaker and Phase Combination | 4                                                                                                                                                                                                                                      |
| - 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                     | 19in / 483mm Horizontal Rackmount                                                                         |
| Adjustable Mount Brackets         | 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)        | 1.72in x 17in x 12in / 44mm x 432mm x 305mm                                                               |
| Shipped Weight                    | 18lbs (8.16kg)                                                                                            |