

## 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 #: NU30213

**Model Number:** MNU3EDR6-12CF18-6PS15B0H10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring

**Power Configuration:** 60A, 208V DELTA, 17.2kW

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

### Product Summary:

rPDU, Switched Outlet Level Monitoring EC, 60A, 208V DELTA, 17.2kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 3P+E (IP44), Black Powder Coat.

### Monitoring:

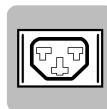
Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

### Plug Form:



3P+E (IP44)

### 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

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| <b>Monitoring</b>                            | 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.               |
| <b>Input Monitoring</b>                      | 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 |
| <b>Circuit Monitoring</b>                    | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy  |
| <b>Outlet Monitoring</b>                     | 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.   |
| <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>                               | 200-240V Delta   |
| <b>Current</b>                               | 60A x 3 Phase DELTA  |
| <b>VA per Input (Load Capacity)</b>          | 17.2kW (208V)  |
| <b>Frequency</b>                             | 50/60Hz  |
| <b>Over Current Protection</b>               | (6) 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>                   | 12   |
| <b>Power Cable Wire Gauge</b>                | 6/4  |
| <b>Power Cable Length</b>                    | 10ft / 3m  |
| <b>Power Entry Location</b>                  | Left Rear  |
| <b>Plug Type</b>                             | IEC60309 3P + E, 60A, Splashproof IP44   |
| <b>Receptacle/Socket Type #1</b>             | Combination C13/C19  |
| <b>- Quantity on Rear</b>                    | 12   |
| <b>- Quantity per Breaker</b>                | 2  |
| <b>- Quantity per Phase Combination</b>      | 4  |
| <b>- Circuit Color ID</b>                    | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue   |
| <b>- Style</b>                               | Banks of 6   |
| <b>- Voltage per Receptacle/Socket</b>       | 208V   |
| <b>Network Connection</b>                    | Dual 10/100/1000Mbps Ethernet  |

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|--|--|
| <b>Protocols Supported</b>               | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP |
| <b>Data Access Formats</b>               | CSV datalog, JSON API, JSON datalog  |
| <b>USB Support</b>                       | Yes  |
| <b>IP Reset Button</b>                   | Yes  |
| <b>Hard Reboot Button</b>                | Yes  |
| <b>Serial Connection</b>                 | RS232 via RJ45   |
| <b>Remote Sensor RJ Connection Jacks</b> | 1 (Supports up to 16 Sensors)  |
| <b>Maximum Operating Temperature</b>     | 60C / 140F   |
| <b>Heavy Steel - Powder Coat Finish</b>  | Black  |
| <b>Configuration</b>                     | 2U   |
| <b>19in Recess Mount</b>                 | Yes  |
| <b>Country of Origin</b>                 | USA, TAA Compliant and Buy American Act COTS Compliant   |
| <b>Product Warranty</b>                  | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years        |
| <b>Certification/Agency Approvals</b>    | RoHS Compliant   |
| <b>Certification/Agency Approvals</b>    | FCC Part 15 Class A Conformance  |
| <b>Certification/Agency Approvals</b>    | UL & c-UL Listed 62368-1   |
| <b>Chassis Dimensions (HxWxD)</b>        | 3.39in x 17in x 12in / 87mm x 432mm x 305mm  |
| <b>Shipped Weight</b>                    | 20lbs (9.07kg)   |