

## 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 #: VP7N30A7

**Model Number:** MNU5MGB1-24PH68-3TL6A0A10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring

**Power Configuration:** 30A, 208V, 4.9kW

**Physical Configuration:** 66in / 1683mm, Vertical

**Product Summary:** rPDU, Switched Outlet Level Monitoring EC, 30A, 208V, 4.9kW, Vertical, (18) Locking IEC C13, (6) Locking IEC C19, 10ft / 3m power cord with L6-30P, 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. LCD/Touchscreen/Auto-Orientation Display. Secure boot.

### Plug Form:



L6-30P

### Receptacle:



Locking IEC C13  
(Quantity: 18)



Locking IEC C19  
(Quantity: 6)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

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

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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. LCD/Touchscreen/Auto-Orientation Display. Secure boot. |
| <b>Input Monitoring</b>                          | Phase (A) 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>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   |
| <b>Current</b>                                   | 30A  |
| <b>VA per Input (Load Capacity)</b>              | 4.9kW (208V)   |
| <b>Frequency</b>                                 | 50/60Hz  |
| <b>Over Current Protection</b>                   | (2) 20A Double Pole Magnetic Breakers (5kAIC Rated)  |
| <b>Switch</b>                                    | Breaker/Switch Combination   |
| <b>LCD Touchscreen Display / Auto Oriented</b>   | Yes  |
| <b>Indicators - LED(s)</b>                       | 24   |
| <b>Power Cable Wire Gauge</b>                    | 10/3   |
| <b>Power Cable Length</b>                        | 10ft / 3m  |
| <b>Power Entry Location</b>                      | Bottom Front   |
| <b>Plug Type</b>                                 | NEMA L6-30P Twistlock  |
| <b>Combined Total Receptacle/Socket Quantity</b> | 24   |
| <b>Receptacle/Socket Type #1</b>                 | U-Lock IEC C13   |
| - Quantity on Face                               | 18   |
| - Quantity per Breaker Pair                      | 9  |
| - U-Lock Color ID                                | 2 Circuit = Orange, Green  |
| - Style  | Individual   |
| - Voltage per Receptacle/Socket                  | 208V   |
| <b>Receptacle/Socket Type #2</b>                 | U-Lock IEC C19   |
| - Quantity on Face                               | 6  |
| - Quantity per Breaker Pair                      | 3  |
| - U-Lock Color ID                                | 2 Circuit = Orange, Green  |
| - Style  | Individual   |
| - Voltage per Receptacle/Socket                  | 208V   |
| <b>Network Connection</b>                        | Dual 10/100/1000Mbps Ethernet  |
| <b>Protocols Supported</b>                       | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP   |

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| <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>   | Zero U  |
| <b>7938 Vertical Mounting Bracket Kit</b>                    | Yes   |
| <b>Toolless Mounting Hardware - Center to Center Spacing</b> | 61.25in and 64.75in / 1556mm and 1645mm   |
| <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 (LxWxD)</b>                            | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm  |
| <b>Shipped Weight</b>  | 20lbs (9.07kg)  |