

## 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 #: VP7N20A4

**Model Number:** MNU5MGB0-24S203-2TL5A0A10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring

**Power Configuration:** 20A, 120V, 1.9kW

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

**Product Summary:** rPDU, Switched Outlet Level Monitoring EC, 20A, 120V, 1.9kW, Vertical, (24) NEMA 5-20R, 10ft / 3m power cord with L5-20P, Black Powder Coat.

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

### Plug Form:



L5-20P

### Receptacle:



NEMA 5-20R  
(Quantity: 24)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

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

## Product Specification and Options

### System Features

|                                         |                                                                                                                                                                                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring                              | Input and Outlet power monitoring with Outlet switching.<br>Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| Input Monitoring                        | 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                                      |
| 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                                 | 100-120V                                                                                                                                                                                |
| Current                                 | 20A                                                                                                                                                                                     |
| VA per Input (Load Capacity)            | 1.9kW (120V)                                                                                                                                                                            |
| Frequency                               | 50/60Hz                                                                                                                                                                                 |
| Over Current Protection                 | None                                                                                                                                                                                    |
| Switch                                  | No                                                                                                                                                                                      |
| LCD Touchscreen Display / Auto Oriented | Yes                                                                                                                                                                                     |
| Indicators - LED(s)                     | 24                                                                                                                                                                                      |
| Power Cable Wire Gauge                  | 12/3                                                                                                                                                                                    |
| Power Cable Length                      | 10ft / 3m                                                                                                                                                                               |
| Power Entry Location                    | Bottom Front                                                                                                                                                                            |
| Plug Type                               | NEMA L5-20P Twistlock                                                                                                                                                                   |
| Receptacle/Socket Type #1               | NEMA 5-20R                                                                                                                                                                              |
| - Quantity on Face                      | 24                                                                                                                                                                                      |
| - 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 | 36.75in, 61.25in and 64.75in / 934mm, 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)                            | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm                                                              |
| Shipped Weight                                        | 18lbs (8.16kg)                                                                                            |