

## OVERVIEW

Upgradeable Unit Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of input level 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

- 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.
- Every unit is 100% tested for reliability and functionality.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



## Part #: VP4N21A1

**Model Number:** MN05M1R0-10D203-2TL5A0H10-S

**Category:** Monitored

**Sub Category:** Unit Level

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

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

### Product Summary:

rPDU, Monitored Unit Level EC, 20A, 120V, 1.9kW, Horizontal, (10) NEMA 5-20R, 10ft power cord with L5-20P, Black Powder Coat.

### Monitoring:

Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

### Plug Form:



L5-20P

### Receptacle:



NEMA 5-20R  
(Quantity: 10)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|   |  |
|---|--|
| Monitoring                              | Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.    |
| Monitoring Level 1                      | 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 |
| 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  |
| Power Cable Wire Gauge                  | 12/3   |
| Power Cable Length                      | 10ft / 3m  |
| Power Entry Location                    | Rear   |
| Plug Type                               | NEMA L5-20P Twistlock  |
| Receptacle/Socket Type #1               | NEMA 5-20R   |
| - Quantity on Rear                      | 10   |
| - Style                                 | Duplex   |
| - Voltage per Receptacle/Socket         | 120V   |
| Internal RMS Voltage Sensor             | Yes  |
| Internal RMS Current Sensor             | Yes  |
| 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                           | 1U   |
| Adjustable Mount Brackets               | Yes  |
| Country of Origin                       | USA, TAA Compliant and Buy American Act COTS Compliant   |
| Product Warranty                        | 5-year limited warranty  |
| Certification/Agency Approvals          | UL & c-UL Listed 62368-1   |

|                                |                                 |
|--------------------------------|---------------------------------|
| Certification/Agency Approvals | RoHS Compliant                  |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Chassis Dimensions (HxWxD)     | 1.72in x 17in x 8.5in           |
| Shipped Weight                 | 12lbs (5.44kg)                  |