# Vertiv™ PowerIT rPDU

## OVERVIEW

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

- 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 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.
- Daisy-chain up to 50 devices on a single IP address and reduce

## Part #: VP5N21A1

**Model Number:** MNS5M1R5-12S203-2TL5A0H10-S
**Category:** Switched
**Sub Category:** Unit Level Monitoring
**Power Configuration:** 20A, 120V, 1.9kW
**Physical Configuration:** 19in / 483mm, Horizontal

**Product Summary:** rPDU, Switched Unit Level Monitoring EC, 20A, 120V, 1.9kW, Horizontal, (12) NEMA 5-20R, 10ft / 3m power cord with L5-20P, Black Powder Coat.

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

**Plug Form:**

L5-20P

**Receptacle:**

NEMA 5-20R
(Quantity: 12)

**Chassis Color Options:**

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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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|---|---|
| **Monitoring** | Input power monitoring with Outlet switching. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility 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 |
| **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)** | 12 |
| **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** | 12 |
| **- 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** | 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 |


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|---|---|
| **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 12in / 44mm x 432mm x 305mm |
| **Shipped Weight** | 10lbs (4.54kg) |


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