

## 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 PowerIT 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 #: VP7P21A1

**Model Number:** MPU5M1R5-12S203-2JL5A5H10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring

**Power Configuration:** 20A, 100V, 2.0kW

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

**Product Summary:** rPDU, Switched Outlet Level Monitoring EC, 20A, 100V, 2.0kW, Horizontal, (12) 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 display.

### Plug Form:



L5-20P

### Receptacle:



NEMA 5-20R  
(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

<b>Monitoring</b>	Input and Outlet power monitoring with Outlet switching. Environmental monitoring via optional remote sensors. Daisy chain ethernet connectivity. Local high visibility display.
<b>Input Monitoring</b>	Phase (A) Monitoring (kWh, W, VA, PF, V, A)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
<b>Outlet Monitoring</b>	Outlet Monitoring (kWh, W, VA, PF, V, A)  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>	100-120V
<b>Current</b>	20A
<b>VA per Input (Load Capacity)</b>	2.0kW (100V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	None
<b>Switch</b>	No
<b>LCD Touchscreen Display / Auto Oriented</b>	Yes
<b>Indicators - LED(s)</b>	12
<b>Power Cable Wire Gauge</b>	3.5mm <sup>2</sup>
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Rear
<b>Plug Type</b>	JIS C8303, 2P/3W, 20A, 125V Locking, NEMA L5-20P
<b>Receptacle/Socket Type #1</b>	JIS C8303, 2P/3W, 20A, 125V, NEMA 5-20R
<b>- Quantity on Rear</b>	12
<b>- Style</b>	Individual
<b>- Voltage per Receptacle/Socket</b>	100V
<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
<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>	19in / 483mm Horizontal Rackmount
<b>Adjustable Mount Brackets</b>	Yes
<b>Country of Origin</b>	USA, TAA Compliant and Buy American Act COTS Compliant
<b>Product Warranty</b>	5-year limited warranty
<b>Certification/Agency Approvals</b>	RoHS Compliant
<b>Certification/Agency Approvals</b>	METI DENAN
<b>Chassis Dimensions (HxWxD)</b>	1.72in x 17in x 12in / 44mm x 432mm x 305mm
<b>Shipped Weight</b>	10lbs (4.54kg)