

## 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 #: VP5N30A0

**Model Number:** MNS5MGB1-24PH68-3TL21A0A10-S-A

**Category:** Switched

**Sub Category:** Unit Level Monitoring

**Power Configuration:** 30A, 120/208V WYE, 8.6kW

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

### Product Summary:

rPDU, Switched Unit Level Monitoring EC, 30A, 120/208V WYE, 8.6kW, Vertical, (18) Locking IEC C13, (6) Locking IEC C19, 10ft / 3m power cord with L21-30P, Black Powder Coat.

### Monitoring:

Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

### Plug Form:



L21-30P

### 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

deployment time with self-configuration of downstream devices.

<b>Monitoring</b>	Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
<b>Input Monitoring</b>	Total Unit Monitoring (kWh, W, VA, PF) Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
<b>Circuit Monitoring</b>	Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy
<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>	100-120/200-240V WYE
<b>Current</b>	30A x 3 Phase WYE
<b>VA per Input (Load Capacity)</b>	8.6kW (208V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	(3) 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>	10/5
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Bottom Front
<b>Plug Type</b>	NEMA L21-30P Twistlock
<b>Combined Total Receptacle/Socket Quantity</b>	24
<b>Alternating Phase/Circuits</b>	Yes
<b>Receptacle/Socket Type #1</b>	U-Lock IEC C13
- Quantity on Face	18
- Quantity per Breaker and Phase Combination	6
- U-Lock Color ID	3 Circuit = Orange, Green, Blue
- Style	Individual
- Voltage per Receptacle/Socket	208V
<b>Receptacle/Socket Type #2</b>	U-Lock IEC C19
- Quantity on Face	6
- Quantity per Breaker and Phase Combination	2
- U-Lock Color ID	3 Circuit = Orange, Green, Blue
- 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
<b>Data Access Formats</b>	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	61.25in and 64.75in / 1556mm and 1645mm
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 (LxWxD)	66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm
Shipped Weight	22lbs (9.98kg)