

## 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 #: VP4N40A2

**Model Number:** MN05M4W1-36CF18-4CS15A0A10-S-A

**Category:** Monitored

**Sub Category:** Unit Level

**Power Configuration:** 35A, 208V DELTA, 10.0kW

**Physical Configuration:** 70in / 1778mm, Vertical

### Product Summary:

rPDU, Monitored Unit Level EC, 35A, 208V DELTA, 10.0kW, Vertical, (36) Combination C13/C19, 10ft power cord with 3P+E CA, Black Powder Coat.

### Monitoring:

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

### Plug Form:



3P+E CA

### Receptacle:



Combination C13/C19  
(Quantity: 36)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

<b>Monitoring</b>	Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
<b>Input Monitoring</b>	<p>Total Unit Monitoring (kWh, W, VA, PF)  Phase (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A)  Line (A, B, C) Monitoring (A)</p> <p>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements</p>
<b>Circuit Monitoring</b>	<p>Circuit / Breaker Monitoring (A)</p> <p>Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy</p>
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	200-240V Delta
<b>Current</b>	35A x 3 Phase DELTA
<b>VA per Input (Load Capacity)</b>	10.0kW (208V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	(3) 20A Double Pole Magnetic Breakers (22kAIC Rated)
<b>Switch</b>	Breaker/Switch Combination
<b>LCD Touchscreen Display / Auto Oriented</b>	Yes
<b>Power Cable Wire Gauge</b>	8/4
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Bottom Front
<b>Plug Type</b>	California Style 50A, 250V, 3P/4W Twistlock
<b>Alternating Phase/Circuits</b>	Yes
<b>Receptacle/Socket Type #1</b>	Combination C13/C19
<b>- Quantity on Face</b>	36
<b>- Quantity per Breaker and Phase Combination</b>	12
<b>- Circuit Color ID</b>	3 Circuit = Orange, Green, Blue
<b>- Style</b>	Banks of 6
<b>- Voltage per Receptacle/Socket</b>	208V
<b>Internal RMS Voltage Sensor</b>	Yes
<b>Internal RMS Current Sensor</b>	Yes
<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>	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)	70in x 2in x 2in / 1778mm x 51mm x 51mm
Shipped Weight	17lbs (7.71kg)