

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 realtime 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 #: VP5N30AR

Model Number: MNS5MGW1-36CF18-3TL15A0A10-S-A

Category: Switched

Sub Category: Unit Level Monitoring

Power Configuration: 30A, 208V DELTA, 8.6kW Physical Configuration: 72in / 1829mm, Vertical

Product Summary:

rPDU, Switched Unit Level Monitoring EC, 30A, 208V Delta, 8.6kW, Vertical, (36) Combination C13/C19, 10ft / 3m power cord with L15-30P, 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:

Receptacle:





L15-30P

Combination C13/C19 (Quantity: 36)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

deployment time with selfconfiguration of downstream devices.

current monitoring Environmental monitoring via aptional remote sensors. Daily chain Ethernet connectivity. Local high visibility display. Input Monitoring Total Unit Monitoring (AVI), W, V, A. P.P. Phase (AB, BC, O) Monitoring (Wh), W, VA, PF, V, A) Line (A, B, C) Monitoring (Wh), W, VA, PF, V, A) Line (A, B, C) Monitoring (Wh), W, VA, PF, V, A) Line (A, B, C) Monitoring (AVI) Power Massurements Compliant with ANSI C121 and IEC 62053- 21 at 1% Accuracy Class Requirements Circuit Monitoring Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy Remote Power Management Individual Outlet Switching with Optional User Defined Time pelays and Sequential Power-up Quantity Of Inputs 1 Voltage 200-240V Delta Current 30A x 3 Phase DELTA VA per Input (Load Capacity) 8.6kW (208V) Frequency 80/60Hz Over Current Protection 30 20A Double Pole Magnetic Breakers (10kAIC Rated) Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(A) 86 Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(A) 87 NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 88 C1/C1/C1/C1/C1/C1/C1/C1/C1/C1/C1/C1/C1/		
Phase (AB, BC, CA) Monitoring (KWh, W, VA, PF, V, A) Line (A, B, C) Monitoring (KWh, W, VA, PF, V, A) Line (A, B, C) Monitoring (KWh, W, VA, PF, V, A) Line (A, B, C) Monitoring (A) Circuit Monitoring Circuit Breaker Current Measurements Independently Tested and Verified at T% Accuracy Remote Power Management Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up Quantity Of Inputs 1 Voltage 200-240V Delta Current 30 A 3 Phase DELTA VA per Input (Load Capacity) 8.6kW (208V) Frequency 50/50Hz Over Current Protection 33 20A Double Pole Magnetic Breakers (10kAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 36 Power Cable Length 10/4 Power Cable Length 10/4 Power Cable Length Over Entry Location 8ottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Quantity on Face 38 Quantity on Face 36 Quantity on Face 36 Quantity on Face 36 Quantity on Face 37 Quantity on Face 38 Quantity on Face 39 Quantity on Face 30 Quantity on Face 31 Quantity on Face 32 Quantity on Face 34 Quantity on Face 35 Quantity on Face 36 Quantity on Face 37 Quantity on Face 38 Quantity on Face 39 Quantity on Face 30 Quantity on Face 40 Quantity on F	Monitoring	current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high
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VA per Input (Load Capacity) 8.6kW (208V) Frequency 50/60Hz Over Current Protection (3) 20A Double Pole Magnetic Breakers (10kAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 36 Power Cable Wire Gauge 10/4 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue Banks of 6 - Voltage per Receptacle/Socket 208V 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 USB Support Yes Hard Reboot Button Yes Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Voltage	200-240V Delta
Frequency 50/60Hz Over Current Protection (3) 20A Double Pole Magnetic Breakers (10kAIC Rated) Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 36 Power Cable Wire Gauge 10/4 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue Banks of 6 - Voltage per Receptacle/Socket 208V 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 Bernote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Current	30A x 3 Phase DELTA
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Switch Breaker/Switch Combination LCD Touchscreen Display / Auto Oriented Yes Indicators - LED(s) 36 Power Cable Wire Gauge 10/4 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue Banks of 6 - Voltage per Receptacle/Socket 208V 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 Bernote Sensor RJ Connection Jacks 1(Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Frequency	50/60Hz
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Indicators - LED(s) Power Cable Wire Gauge 10/4 Power Cable Length 10ft / 3m Power Entry Location Bottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue - Style Banks of 6 - Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Switch	Breaker/Switch Combination
Power Cable Wire Gauge 10/4 Power Cable Length 10ft / 3m Bottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue - Style Banks of 6 - Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks Maximum Operating Temperature 60C / 140F	LCD Touchscreen Display / Auto Oriented	Yes
Power Cable Length Power Entry Location Bottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue - Style Banks of 6 - Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks Maximum Operating Temperature 60C / 140F	Indicators - LED(s)	36
Power Entry Location Bottom Front Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue - Style Banks of 6 - Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks Maximum Operating Temperature 60C / 140F	Power Cable Wire Gauge	10/4
Plug Type NEMA L15-30P Twistlock Alternating Phase/Circuits Yes Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue - Style Banks of 6 - Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Power Cable Length	10ft / 3m
Alternating Phase/Circuits Receptacle/Socket Type #1 Combination C13/C19 Quantity on Face Quantity per Breaker and Phase Combination Circuit Color ID Sicruit = Orange, Green, Blue Style Banks of 6 Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks I (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Power Entry Location	Bottom Front
Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination 12 - Circuit Color ID - Style - Banks of 6 - Voltage per Receptacle/Socket - Voltage per Receptacle/Socket - 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks I (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Plug Type	NEMA L15-30P Twistlock
- Quantity on Face 36 - Quantity per Breaker and Phase Combination 12 - Circuit Color ID 3 Circuit = Orange, Green, Blue - Style Banks of 6 - Voltage per Receptacle/Socket 208V 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	Alternating Phase/Circuits	Yes
- Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Style - Banks of 6 - Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Receptacle/Socket Type #1	Combination C13/C19
- Circuit Color ID 3 Circuit = Orange, Green, Blue - Style Banks of 6 - Voltage per Receptacle/Socket 208V 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	- Quantity on Face	36
- Style Banks of 6 - Voltage per Receptacle/Socket 208V 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	- Quantity per Breaker and Phase Combination	12
-Voltage per Receptacle/Socket 208V 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 Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	- Circuit Color ID	3 Circuit = Orange, Green, Blue
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	- Style	Banks of 6
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	- Voltage per Receptacle/Socket	208V
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	Network Connection	Dual 10/100/1000Mbps Ethernet
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	Protocols Supported	
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	Data Access Formats	CSV datalog, JSON API, JSON datalog
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	USB Support	Yes
Serial Connection RS232 via RJ45 Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	IP Reset Button	Yes
Remote Sensor RJ Connection Jacks 1 (Supports up to 16 Sensors) Maximum Operating Temperature 60C / 140F	Hard Reboot Button	Yes
Maximum Operating Temperature 60C / 140F	Serial Connection	RS232 via RJ45
	Remote Sensor RJ Connection Jacks	1 (Supports up to 16 Sensors)
Heavy Steel - Powder Coat Finish Black	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)	72in x 2in x 2.6in / 1829mm x 51mm x 66mm
Doghouse (D)	1.4in / 36mm
Shipped Weight	22lbs (9.98kg)