

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
- 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 #: VP5N31A4

Model Number: MNS5M1R6-12CF13-3TL56A0H10-S

Category: Switched

Sub Category: Unit Level Monitoring

Power Configuration: 30A, 240/415V WYE, 17.2kW Physical Configuration: 19in / 483mm, Horizontal

Product Summary: rPDU, Switched Unit Level Monitoring EC, 30A, 240/415V WYE, 17.2kW, Horizontal,

(12) Combination C13/C19, 10ft / 3m power cord with L22-30P, 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:







L22-30P

Combination C13/C19 (Quantity: 12)

Chassis Color Options:

deployment time with selfconfiguration of downstream devices.



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

System Features	
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.
Input Monitoring	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
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 Delays and Sequential Power-up
Quantity Of Inputs	1
Voltage	200-240/346-415V WYE
Current	30A x 3 Phase WYE
VA per Input (Load Capacity)	17.2kW (240V)
Frequency	50/60Hz
Over Current Protection	(6) 16A Single Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
Indicators - LED(s)	12
Power Cable Wire Gauge	10/5
Power Cable Length	10ft / 3m
Power Entry Location	Rear
Plug Type	NEMA L22-30P Twistlock
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Rear	12
- Quantity per Breaker	2
- Quantity per Phase	4
- Circuit Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Banks of 6
- Voltage per Receptacle/Socket	240V (L-N)
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

Yes
RS232 via RJ45
1 (Supports up to 16 Sensors)
60C / 140F
Black
19in / 483mm Horizontal Rackmount
Yes
USA, TAA Compliant and Buy American Act COTS Compliant
5-year limited warranty
UL & c-UL Listed 62368-1
RoHS Compliant
RoHS Compliant FCC Part 15 Class A Conformance
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