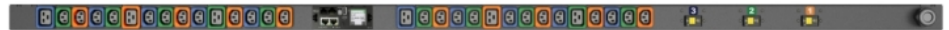**VERTIV**

OVERVIEW

Upgradeable Unit Level EC 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 breakin 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 #: VP4N30AE

Model Number: MN05M4W1-30PN63-3TL56A0A10-S-A
Category: Monitored
Sub Category: Unit Level
Power Configuration: 30A, 240/415V WYE, 17.2kW
Physical Configuration: 72in / 1829mm, Vertical

Product Summary:	rPDU, Monitored Unit Level EC, 30A, 240/415V WYE, 17.2kW, Vertical, (24) Locking IEC C13, (6) Locking IEC C19, 10ft power cord with L22-30P, 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:

L22-30P

Receptacle:

Locking IEC C13
(Quantity: 24)

Locking IEC C19
(Quantity: 6)

Chassis Color Options:

To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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.
Monitoring Level 1	Aggregate - Total Unit Monitoring (kWh, W, VA, PF) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
Monitoring Level 2	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
Monitoring Level 3	Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
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) 20A Single Pole Magnetic Breakers
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
Power Cable Wire Gauge	10/5
Power Cable Length	10ft / 3m
Power Entry Location	Bottom Front
Plug Type	NEMA L22-30P Twistlock
Combined Total Receptacle/Socket Quantity	30
Alternating Phase/Circuits	Yes
Receptacle/Socket Type #1	U-Lock IEC C13
- Quantity on Face	24
- Quantity per Breaker	4
- Quantity per Phase	8
- U-Lock Color ID	6 Circuit = Orange, Light Orange, Green, Light Green, Blue, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	240V (L-N)
Receptacle/Socket Type #2	U-Lock IEC C19
- Quantity on Face	6
- Quantity per Breaker Pair	1
- Quantity per Phase	2
- U-Lock Color ID	6 Circuit = Orange, Light Orange, Green, Light Green, Blue, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	240V (L-N)
Internal RMS Voltage Sensor	Yes

Internal RMS Current Sensor	Yes
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
Heavy Steel - Powder Coat Finish	Black
Configuration	72in / 1829mm Vertical Rackmount
7938 Vertical Mounting Bracket Kit	Yes
Toolless Mounting Hardware - Center to Center Spacing	61.25in and 64.75in
Country of Origin	USA, TAA Compliant and Buy American Act COTS Compliant
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
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 2.25in
Shipped Weight	17lbs (7.71kg)