Vertiv™ PowerIT rPDU

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 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 #: VP4N60AE

Model Number: MN05MGW1-30CF18-6PS15B0A10-S-A
Category: Monitored
Sub Category: Unit Level
Power Configuration: 60A, 208V DELTA, 17.2kW
Physical Configuration: 72in / 1829mm, Vertical

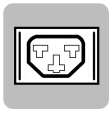
Product Summary: rPDU, Monitored Unit Level EC, 60A, 208V DELTA, 17.2kW, Vertical, (30) Combination C13/C19, 10ft power cord with 3P+E (IP44), Black Powder Coat.

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 (IP44)

Receptacle:



Combination C13/C19
(Quantity: 30)

Chassis Color Options:

To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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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.
Input Monitoring	Total Unit Monitoring (kWh, W, VA, PF) Phase (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A) Line (A, B, C) Monitoring (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
Quantity Of Inputs	1
Voltage	200-240V Delta
Current	60A x 3 Phase DELTA
VA per Input (Load Capacity)	17.2kW (208V)
Frequency	50/60Hz
Over Current Protection	(6) 20A Double Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
Power Cable Wire Gauge	6/4
Power Cable Length	10ft / 3m
Power Entry Location	Bottom Front
Plug Type	IEC60309 3P + E, 60A, Splashproof IP44
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Face	30
- Quantity per Breaker	5
- Quantity per Phase Combination	10
- Circuit Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Banks of 6
- Voltage per Receptacle/Socket	208V
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

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Configuration	Zero U
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 2.10in x 3in / 1778mm x 54mm x 76mm
Shipped Weight	32lbs (14.51kg)

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