Vertiv™ PowerIT rPDU

OVERVIEW

Upgradeable Switched Outlet Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of outlet level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. With the Geist Upgradeable hot-swap technology, users may easily update the rPDU technology with the addition of the appropriate Interchangeable Monitoring Device (IMD) as business needs change.

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 outlet-level power monitoring options offer quick access to critical power usage information down to the device level 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.





Part #: VP7N31A5

Model Number: MNU5M1R6-12CF13-3PS56B0H10-S
Category: Switched
Sub Category: Outlet Level Monitoring
Power Configuration: 30A, 240/415V WYE, 17.2kW
Physical Configuration: 19in / 483mm, Horizontal

Product Summary: rPDU, Switched Outlet Level Monitoring EC, 30A, 240/415V WYE, 17.2kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder Coat.

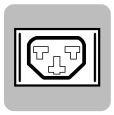
Monitoring: Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

Plug Form:



3P+N+E (IP44)

Receptacle:



Combination C13/C19
(Quantity: 12)

Chassis Color Options:

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- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring	Input and Outlet 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 2% Accuracy
Outlet Monitoring	Outlet Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements.
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) 20A 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	Left Rear
Plug Type	IEC60309 3P + N + E, 30A, Splashproof IP44
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

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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	19in / 483mm Horizontal Rackmount
Adjustable Mount Brackets	Yes
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 (HxWxD)	1.72in x 17in x 12in / 44mm x 432mm x 305mm
Shipped Weight	18lbs (8.16kg)

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