# Vertiv<sup>™</sup> PowerIT rPDU



# **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



3P+N+E (IP44)

Combination C13/C19 (Quantity: 12)

### **Chassis Color Options:**

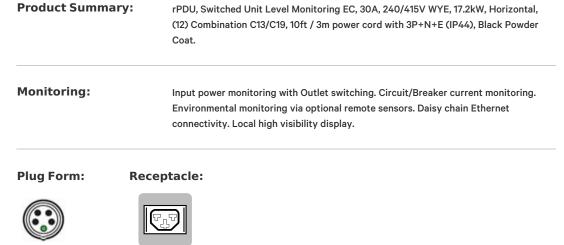
Vertiv.com | Vertiv Headquarters, 505 N. Cleveland Avenue, Westerville, OH, 43082, USA

Vertiv Group Corp. All rights reserved. Vertiv", and the Vertiv Group Corp. all rights reserved. Vertiv", and the Vertiv Group Corp. All rights reserved. Vertiv", and the Vertiv Group Corp. All rights reserved. Vertiv", and the Vertiv Group Corp. All rights reserved. Vertiv Group Corp.



## Part #: VP5N31A5

Model Number: MNS5M1R6-12CF13-3PS56B0H10-S Category: Switched Sub Category: Unit Level Monitoring Power Configuration: 30A, 240/415V WYE, 17.2kW Physical Configuration: 19in / 483mm, Horizontal



deployment time with selfconfiguration of downstream devices.



To discuss color options, contact your local sales representative.

### **Product Specification and Options**

#### **System Features**

System reatures	
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) 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
Data Access Formats	CSV datalog, JSON API, JSON datalog
USB Support	Yes
IP Reset Button	Yes
land Avenue Mesterville, OLL 42002, UCA	

Vertiv Group Corp. All rights reserved. Vertiv<sup>™</sup>, and the Vertiv logo are trademarks or registered trademarks of Vertiv Group Corp. All other names and logos referred to are trade names, trademarks or registered trademarks of their respective owners. While every precaution has been taken to ensure accuracy and completeness here. Vertiv Group Corp. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications, rebates and other promotional offers are subject to change at Vertiv's sole discretion upon notice.

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
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)