Vertiv[™] PowerIT rPDU



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 realtime 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 selfconfiguration of downstream devices.

Part #: VP4N6019

Model Number: MN03EPB1-36CF13-6PS56D0A10-S Category: Monitored Sub Category: Unit Level Power Configuration: 60A, 240/415V WYE, 34.5kW Physical Configuration: 66in / 1683mm, Vertical

Product Summary:

rPDU, Monitored Unit Level, 60A, 240/415V WYE, 34.5kW, Vertical, (36) Combination C13/C19, 10ft power cord with 3P+N+E (IP67)

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.

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Plug Form:







3P+N+E (IP67)

Combination C13/C19 (Quantity: 36)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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. Imput Monitoring Total Unit Monitoring (Wh, W, VA, PF, V, A) Phase (A, B, C) Monitoring (Wh, 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 (AWh, W, VA, PF, V, A) Quantity Of Inputs Circuit / Breaker Current Measurements Independently Tested and Verified at 1% Accuracy Quantity Of Inputs Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy Voltage 200-240/346-415V WYE Current 60A x 3 Phase WYE Va per Input (Load Capacity) 345.W (240V) Switch Breaker/Switch Combination Switch Breaker/Switch Combination Sover Current Protection (212 20A Single Pole Magnetic Breakers (10kAIC Rated) Switch Breaker/Switch Combination Sover Caube Wire Gauge 6/5 Type W Power Cable Length 10f / 3m Power Cable Length 10f / 3m Power Tarty Location 12 Quantity on Face 3 - Quantity on Face 3		
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 RequirementsCircuit MonitoringCircuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 1% AccuracyQuantity Of Inputs1Voltage200-240/346-415V WYECurrent60A x 3 Phase WYEVA per Input (Load Capacity)34.5kW (240V)Frequency50/60HzOver Current Protection(12) 20A Single Pole Magnetic Breakers (10kAIC Rated)SwitchBreaker/Switch CombinationScrolling / Rotatable Digital DisplayYesPower Cable Length10ft / 3mPower Entry Location8ctom FrontPlug TypeIEC60309 3P + N + E, 60A, 240/415V, Watertight IP67Receptacle/Socket Type #1Combination C13/C19- Quantity or Face36- Quantity per Breaker1- Circuit Color ID12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue	Monitoring	current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high
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 200-240/346-415V WYE Current 60A x 3 Phase WYE VA per Input (Load Capacity) 34.5kW (240V) Frequency 50/60Hz Over Current Protection (12) 20A Single Pole Magnetic Breakers (10kAIC Rated) Switch Breaker/Switch Combination Scrolling / Rotatable Digital Display Yes Power Cable Wire Gauge 6/5 Type W Power Cable Length 10ff / 3m Power Entry Location Bettom Front Plug Type IEC60309 3P + N + E, 60A, 240/415V, Watertight IP67 Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 3 - Quantity per Breaker 1 - Quantity per Phase 12 - Circuit Color ID 12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	Input Monitoring	• · · · · · · · · · · · · · · · · · · ·
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VA per Input (Load Capacity)34.5kW (240V)Frequency50/60HzOver Current Protection(12) 20A Single Pole Magnetic Breakers (10kAIC Rated)SwitchBreaker/Switch CombinationScrolling / Rotatable Digital DisplayYesPower Cable Wire Gauge6/5 Type WPower Cable Length10ft / 3mPower Entry LocationBettom FrontPlug TypeIEC60309 3P + N + E, 60A, 240/415V, Watertight IP67Receptacle/Socket Type #1Combination C13/C19- Quantity on Face3- Quantity per Phase12- Circuit Color ID12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue	Voltage	200-240/346-415V WYE
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Scrolling / Rotatable Digital DisplayYesPower Cable Wire Gauge6/5 Type WPower Cable Length10ft / 3mPower Entry LocationBottom FrontPlug TypeIEC60309 3P + N + E, 60A, 240/415V, Watertight IP67Receptacle/Socket Type #1Combination C13/C19- Quantity on Face36- Quantity per Breaker3- Quantity per Phase12- Circuit Color ID12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue	Over Current Protection	(12) 20A Single Pole Magnetic Breakers (10kAIC Rated)
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Power Cable Length10ft / 3mPower Entry LocationBottom FrontPlug TypeIEC60309 3P + N + E, 60A, 240/415V, Watertight IP67Receptacle/Socket Type #1Combination C13/C19- Quantity on Face36- Quantity per Breaker3- Quantity per Phase12- Circuit Color ID12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue	Scrolling / Rotatable Digital Display	Yes
Power Entry LocationBottom FrontPlug TypeIEC60309 3P + N + E, 60A, 240/415V, Watertight IP67Receptacle/Socket Type #1Combination C13/C19- Quantity on Face36- Quantity per Breaker3- Quantity per Phase12- Circuit Color ID12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	Power Cable Wire Gauge	6/5 Type W
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Receptacle/Socket Type #1 Combination C13/C19 - Quantity on Face 36 - Quantity per Breaker 3 - Quantity per Phase 12 - Circuit Color ID 12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	Power Entry Location	Bottom Front
- Quantity on Face 36 - Quantity per Breaker 3 - Quantity per Phase 12 - Circuit Color ID 12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	Plug Type	IEC60309 3P + N + E, 60A, 240/415V, Watertight IP67
- Quantity per Breaker 3 - Quantity per Phase 12 - Circuit Color ID 12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	Receptacle/Socket Type #1	Combination C13/C19
- Quantity per Phase 12 - Circuit Color ID 12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	- Quantity on Face	36
- Circuit Color ID 12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	- Quantity per Breaker	3
Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue	- Quantity per Phase	12
- Style Banks of 6	- Circuit Color ID	Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light
	- Style	Banks of 6

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- 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	Zero U
7938 Vertical Mounting Bracket Kit	Yes
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 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)	66.25in x 3.8in x 3.0in / 1683mm x 97mm x 76mm
Shipping Weight	19 lbs (8.6 kg)

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