Vertiv[™] PowerIT rPDU



OVERVIEW

Upgradeable Outlet Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of outlet 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
- Every unit is 100% tested for reliability and functionality. 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 deployment time with selfconfiguration of downstream devices.

Part #: VP6N30AR

Model Number: MNR5MGW1-36CF18-3TL15A0A10-S-A Category: Monitored Sub Category: Outlet Level Power Configuration: 30A, 208V DELTA, 8.6kW Physical Configuration: 72in / 1829mm, Vertical

Product Summary:

rPDU, Monitored Outlet Level EC, 30A, 208V Delta, 8.6kW, Vertical, (36) Combination C13/C19, 10ft / 3m power cord with L15-30P, Black Powder Coat.

Monitoring:

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

Plug Form:

Receptacle:

(Quantity: 36)



L15-30P

Combination C13/C19

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring

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

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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 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.
Quantity Of Inputs	1
Voltage	200-240V Delta
Current	30A x 3 Phase DELTA
VA per Input (Load Capacity)	8.6kW (208V)
Frequency	50/60Hz
Over Current Protection	(3) 20A Double Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
Indicators - LED(s)	36
Power Cable Wire Gauge	10/4
Power Cable Length	10ft / 3m
Power Entry Location	Bottom Front
Plug Type	NEMA L15-30P Twistlock
Plug Type	NEWA LID-JOP TWISLIOCK
Alternating Phase/Circuits	Yes
Alternating Phase/Circuits	Yes
Alternating Phase/Circuits Receptacle/Socket Type #1	Yes Combination C13/C19
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face	Yes Combination C13/C19 36
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination	Yes Combination C13/C19 36 12
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue Banks of 6
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue Banks of 6 208V
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP,
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection Protocols Supported	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection Protocols Supported Data Access Formats	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection Protocols Supported Data Access Formats USB Support	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection Protocols Supported Data Access Formats USB Support IP Reset Button	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog Yes
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection Protocols Supported Data Access Formats USB Support IP Reset Button Hard Reboot Button	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog Yes Yes
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection Protocols Supported USB Support IP Reset Button Hard Reboot Button	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog Yes Yes Saccont Statement Sta
Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker and Phase Combination - Circuit Color ID - Style - Voltage per Receptacle/Socket Network Connection Protocols Supported Data Access Formats USB Support IP Reset Button Hard Reboot Button Serial Connection Remote Sensor RJ Connection Jacks	Yes Combination C13/C19 36 12 3 Circuit = Orange, Green, Blue 3 Circuit = Orange, Green, Blue Banks of 6 208V Dual 10/100/1000Mbps Ethernet DHCP, HTTP, HTTPS, IPV4, IPV6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP CSV datalog, JSON API, JSON datalog Yes Yes Yes RS232 via RJ45 1 (Supports up to 16 Sensors)

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7938 Vertical Mounting Bracket Kit	Yes
Toolless Mounting Hardware - Center to Center Spacing	49in, 61.25in and 64.75in / 1245mm, 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)	72in x 2in x 2.6in / 1829mm x 51mm x 66mm
Doghouse (D)	1.4in / 36mm
Shipped Weight	22lbs (9.98kg)

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