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 PowerIT 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 #: VP7N30AP

Model Number: MNU5MGB1-24CF18-3TL6A0A10-S
Category: Switched
Sub Category: Outlet Level Monitoring
Power Configuration: 30A, 208V, 4.9kW
Physical Configuration: 66in / 1683mm, Vertical

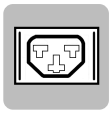
Product Summary: rPDU, Switched Outlet Level Monitoring EC, 30A, 208V, 4.9kW, Vertical, (24) Combination C13/C19, 10ft / 3m power cord with L6-30P, Black Powder Coat.

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:

L6-30P

Receptacle:



Combination C13/C19
(Quantity: 24)

Chassis Color Options:

To discuss color options, contact your local sales representative.

Product Specification and 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.

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	Phase (A) 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
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	200-240V
Current	30A
VA per Input (Load Capacity)	4.9kW (208V)
Frequency	50/60Hz
Over Current Protection	(2) 20A Double Pole Magnetic Breakers (5kAIC Rated)
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
Indicators - LED(s)	24
Power Cable Wire Gauge	10/3
Power Cable Length	10ft / 3m
Power Entry Location	Bottom Front
Plug Type	NEMA L6-30P Twistlock
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Face	24
- Quantity per Breaker Pair	12
- Circuit Color ID	2 Circuit = Orange, Green
- Style	Banks of 6
- Voltage per Receptacle/Socket	208V
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

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Heavy Steel - Powder Coat Finish	Black
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)	66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm
Shipped Weight	20lbs (9.07kg)

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