VERTIV™ VP8830 RACK PDU

Monitored, Unit Level EC

OVERVIEW

Vertiv power monitoring provides a comprehensive view of power usage in a data center, both at the rack and via remote access. The local and remote power monitoring options offer quick access to the PDU's current, volts, real power, apparent power, power factor, and kilowatt hours. By monitoring these critical variables, data center managers can evaluate energy usage trends and ensure maximum uptime.

Benefits

- Improve efficiency and reduce energy costs
- Manage and optimize power capacity
- Prevent downtime
- Reduce cost of ownership and optimize ROI

Part Number:
VP8830, Monitored, Unit Level EC

Power Configuration:
20A, 120V, 1.9kW

Physical Configuration:
66 in / 1683 mm Vertical

Product Summary: VP8830 - Monitored, Unit Level EC, Upgradable, 20A, 120V, Vertical, (24) NEMA 5-20R, 10 ft power cord with L5-20P, Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. Black Powder Coat.

Specifications and Options

Monitoring	Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
Monitoring Level 1	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
VLC Support	Yes
Quantity Of Inputs	1
Voltage	120V
Current	20A
VA per Input (Load Capacity)	1.9kW
Frequency	50/60 Hz
Over Current Protection	None
Switch	No
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	12/3
Power Cable Length	10ft
Power Entry Location	Bottom Front
Plug Type	NEMA L5-20P Twistlock
Receptacle/Socket Type #1	NEMA 5-20R
- Quantity on Face	24
- Style	Duplex
- Voltage per Receptacle/Socket	120V
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Network Connection	Dual 10/100Mbps Ethernet
Network Protocols Supported and Data Access Formats	HTTP, HTTPS (TLS 1.2), SMTP, SMTPS (TLS 1.2), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2c/v3, JSON, JSON API, RSTP
IP Reset Button	Yes
Hard Reboot Button	Yes

Specifications and Options (cont'd)

Remote Sensor RJ Connection Jacks	1 (Supports up to 4 Sensors)
Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	66 in / 1683 mm Vertical Rackmount
7938 Vertical Mounting Bracket Kit	Yes
Toolless Mounting Hardware - Center to Center Spacing	61.25in and 64.75in
Made in the USA	Yes
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	UL & c-UL Listed 60950
Chassis Dimensions (LxWxD)	66.25in x 2.0in x 2.0in



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