Vertiv™ Geist™ 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 real-time 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.
- Gather comprehensive power data at the palm of your hand with the use of the Vertiv VLC mobile app.
- 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.
- Every unit is 100% tested for reliability and functionality.



Part #: UI30028

Model Number: DU03E5B1-48CF17-2S02A9K00-S-A
Category: Monitored
Sub Category: Unit Level EC
Power Configuration: Variable, Variable, 22.0kW
Physical Configuration: 66in / 1683mm, Vertical

Product Summary: rPDU, Monitored Unit Level EC, Max 22.0kW, Variable Power Configuration, Vertical, (48) Combination C13/C19, Universal Input, Black Powder Coat.

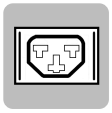
Monitoring: Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:



Universal Inlet

Receptacle:



Combination C13/C19
(Quantity: 48)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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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 LED display.
Input Monitoring	Total Unit Monitoring (kWh, W, VA, PF) Phase 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
Maximum Input Power (Defined by Facility Side Cable)	63A Single Phase, 240V Max, 14.4kW 48A 3 Phase DELTA, 240V Max, 19.9kW 32A Three Phase WYE, 240/415V Max, 22.0kW
Frequency	50/60Hz
Over Current Protection	(6) 16A Double Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
Scrolling / Rotatable Digital Display	Yes
Power Entry Location	Pivoting Connector
Plug Type	Universal Inlet
Alternating Phase/Circuits	Yes
Receptacle/Socket Type #1	Combination C13/C19
- Quantity on Face	48
- Quantity per Breaker	8
- Circuit Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Banks of 6
- Voltage per Receptacle/Socket	Defined by Facility Side Cable
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Network Connection	Dual 10/100Mbps Ethernet
Protocols Supported	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+
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
Toolless Mounting Hardware - Center to Center Spacing	49in and 61.25in / 1245mm and 1556mm
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE Marked

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Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	UL Listed 60950
Chassis Dimensions (LxWxD)	66.25in x 3.8in x 2.25in / 1683mm x 97mm x 57mm
Shipped Weight	25lbs (11.34kg)

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