Vertiv™ Geist™ 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 Geist 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 #: UU30010L

Model Number: DUU3EGW1-30PHB7-2S02A9K00-S-A
Category: Switched
Sub Category: Outlet Level Monitoring EC
Power Configuration: Variable, Max 22.0kW
Physical Configuration: 72in / 1829mm, Vertical

Product Summary: rPDU, Switched Outlet Level Monitoring EC, Max 22.0kW, Variable Power Configuration, Vertical, (18) Locking IEC C13, (12) Locking IEC C19, Universal Input, 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 LED display.

Plug Form:



Universal Input

Receptacle:



Locking IEC C13 (Quantity: 18)



Locking IEC C19 (Quantity: 12)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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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.

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 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
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.
Remote Power Management	Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up
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
Indicators - LED(s)	30
Power Entry Location	Pivoting Connector
Plug Type	Universal Inlet
Combined Total Receptacle/Socket Quantity	30
Alternating Phase/Circuits	Yes
Receptacle/Socket Type #1	U-Lock IEC C13
- Quantity on Face	18
- Quantity per Breaker	3
- U-Lock Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	Defined by Facility Side Cable
Receptacle/Socket Type #2	U-Lock IEC C19
- Quantity on Face	12
- Quantity per Breaker	2
- U-Lock Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	Defined by Facility Side Cable
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+

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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	61.25in and 64.75in / 1556mm and 1645mm
Country of Origin	USA, TAA Compliant
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	CE Marked
Certification/Agency Approvals	Complies with EN 55032 and EN 55024
Certification/Agency Approvals	Complies with IEC 60950-1 (CB Certificate Available)
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	RCM Mark (EMC Only)
Certification/Agency Approvals	UL & c-UL Listed 60950
Certification/Agency Approvals	China RoHS
Certification/Agency Approvals	C_{ρ} Mark
Chassis Dimensions (LxWxD)	72in x 2in x 2.6in / 1829mm x 51mm x 66mm
Doghouse (D)	1.4in / 36mm
Shipped Weight	25lbs (11.34kg)

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