Vertiv[™] PowerIT rPDU



OVERVIEW

Upgradeable Outlet Level 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 #: VP6G30AE

Model Number: MGR5MGW1-36PT63-3PS56B2A10-S-A-RC Category: Monitored Sub Category: Outlet Level Power Configuration: 32A, 230/400V WYE, 22.0kW Physical Configuration: 72in / 1829mm, Vertical

Product Summary:

rPDU, Monitored Outlet Level EC, Residual Current Metering Type B, 32A, 230/400V WYE, 22.0kW, Vertical, (30) Locking IEC C13, (6) Locking IEC C19, 10ft / 3m power cord with 3P+N+E (IP44), 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:



3P+N+E (IP44)



Locking IEC C13 Locking IEC C19

(Quantity: 6)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Receptacle:

0

(Quantity: 30)

Product Specification and Options

System Features

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Monitoring	Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
Input Monitoring	Total Unit Monitoring (kWh, W, VA, PF) Phase (A, B, C) 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.
Residual Current Metering (RCM)	Phase (A, B, C) Type B (AC/DC) with operating characteristics defined in IEC 62020:1998+AMD1:2003.
Quantity Of Inputs	1
Voltage	200-240/346-415V WYE
Current	32A x 3 Phase WYE
VA per Input (Load Capacity)	22.0kW (230V)
Frequency	50/60Hz
Over Current Protection	(6) 16A Single Pole Magnetic Breakers (10kAIC Rated)
Switch	Breaker/Switch Combination
LCD Touchscreen Display / Auto Oriented	Yes
LCD Touchscreen Display / Auto Oriented Indicators - LED(s)	Yes 36
Indicators - LED(s)	36
Indicators - LED(s) Power Cable Wire Gauge	36 6mm² H07RN-F
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length	36 6mm² H07RN-F 10ft / 3m
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location	36 6mmŲ H07RN-F 10ft / 3m Bottom Front
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity	36 6mmÅ ² H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30 5
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker - Quantity per Phase	36 6mmÅ ² H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30 5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker - Quantity per Phase - U-Lock Color ID	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30 5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker - Quantity per Phase - U-Lock Color ID - Style	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30 5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Individual
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker - Quantity per Phase - U-Lock Color ID - Style - Voltage per Receptacle/Socket	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30 5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Individual 230V
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker - Quantity per Phase - U-Lock Color ID - Style - Voltage per Receptacle/Socket Receptacle/Socket Type #2	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30 5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Individual 230V U-Lock IEC C19
Indicators - LED(s) Power Cable Wire Gauge Power Cable Length Power Entry Location Plug Type Combined Total Receptacle/Socket Quantity Alternating Phase/Circuits Receptacle/Socket Type #1 - Quantity on Face - Quantity per Breaker - Quantity per Phase - U-Lock Color ID - Style - Voltage per Receptacle/Socket Receptacle/Socket Type #2 - Quantity on Face	36 6mmŲ H07RN-F 10ft / 3m Bottom Front IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 36 Yes U-Lock IEC C13 30 5 10 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue Individual 230V U-Lock IEC C19 6

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- Style	Individual
- Voltage per Receptacle/Socket	230V
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
Heavy Steel - Powder Coat Finish	Black
Configuration	Zero U
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
Certification/Agency Approvals	CE Marked
Certification/Agency Approvals	UKCA Marked
Certification/Agency Approvals	Complies with IEC 62368-1 (DOC Available)
Certification/Agency Approvals	Complies with EN 55032 and EN 55035
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	Cم Mark
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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