

OVERVIEW

Upgradeable Switched Unit Level
Monitored EC rPDUs provide reliable
power distribution to critical IT
equipment while delivering individual
outlet level control and a comprehensive
view of input 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

- 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 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 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

Part #: VP5G20AD

Model Number: MGS5MGB0-36PNB3-2PS56B2A10-S-A-RC

Category: Switched

Sub Category: Unit Level Monitoring

Power Configuration: 16A, 230/400V WYE, 11.0kW Physical Configuration: 66in / 1683mm, Vertical

Product Summary:

rPDU, Switched Unit Level Monitoring EC, Residual Current Metering Type B, 16A, 230/400V WYE, 11.0kW, Vertical, (24) Locking IEC C13, (12) Locking IEC C19, 10ft / 3m

power cord with 3P+N+E (IP44), Black Powder Coat.

Monitoring:

Input 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:

Receptacle:







3P+N+E (IP44)

Locking IEC C13 (Quantity: 24)

Locking IEC C19 (Quantity: 12)

Chassis Color Options:



To discuss color options, contact your local sales representative.

deployment time with selfconfiguration of downstream devices.

Product Specification and Options

System Features

System Features	
Monitoring	Input 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 (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 2% Accuracy
Residual Current Metering (RCM)	Phase (A, B, C) Type B (AC/DC) with operating characteristics defined in IEC 62020:1998+AMD1:2003.
Remote Power Management	Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up
Quantity Of Inputs	1
Voltage	200-240/346-415V WYE
Current	16A x 3 Phase WYE
VA per Input (Load Capacity)	11.0kW (230V)
Frequency	50/60Hz
Over Current Protection	None
Switch	No
LCD Touchscreen Display / Auto Oriented	Yes
Indicators - LED(s)	36
Power Cable Wire Gauge	2.5mm² H07RN-F
Power Cable Length	10ft / 3m
Power Entry Location	Bottom Front
Plug Type	IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44
Combined Total Receptacle/Socket Quantity	36
Alternating Phase/Circuits	Yes
Receptacle/Socket Type #1	U-Lock IEC C13
- Quantity on Face	24
- Quantity per Phase	8
- U-Lock Color ID	3 Circuit = Orange, Green, Blue
- Style	Individual
- Voltage per Receptacle/Socket	230V
Receptacle/Socket Type #2	U-Lock IEC C19
- Quantity on Face	12
- Quantity per Phase	4
- U-Lock Color ID	3 Circuit = Orange, Green, Blue
- 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 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 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 if registered within 120 days of purchase, otherwise warranty defaults to 3 years Certification/Agency Approvals CE Marked Certification/Agency Approvals Cem Marked Certification/Agency Approvals Complies with IEC 62368-1 (DOC Available) Certification/Agency Approvals Complies with EN 55032 and		
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 Country of Origin USA, TAA Compliant and Buy American Act COTS 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 IEC 62368-1 (DOC Available) Certification/Agency Approvals Certification/	- Voltage per Receptacle/Socket	230V
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Doghouse (D) 1.4in / 36mm	Certification/Agency Approvals	C _P Mark
	Chassis Dimensions (LxWxD)	66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm
Shipped Weight 18lbs (8.16kg)	Doghouse (D)	1.4in / 36mm
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