

## OVERVIEW

Upgradeable Unit Level 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.
- 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.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



## Part #: VP4G21A1

**Model Number:** MG05M1R0-09P633-2PS56B2H10-S

**Category:** Monitored

**Sub Category:** Unit Level

**Power Configuration:** 16A, 230/400V WYE, 11.0kW

**Physical Configuration:** 19in / 483mm, Horizontal

### Product Summary:

rPDU, Monitored Unit Level EC, 16A, 230/400V WYE, 11.0kW, Horizontal, (6) Locking IEC C13, (3) Locking IEC C19, 3m power cord with 3P+N+E (IP44), Black Powder Coat.

### Monitoring:

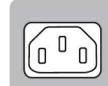
Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

### Plug Form:



3P+N+E (IP44)

### Receptacle:



Locking IEC C13  
(Quantity: 6)



Locking IEC C19  
(Quantity: 3)

## Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

<b>Monitoring</b>	Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.
<b>Monitoring Level 1</b>	Aggregate - Total Unit Monitoring (kWh, W, VA, PF)  Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements
<b>Monitoring Level 2</b>	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
<b>Monitoring Level 3</b>	Circuit / Breaker Monitoring (A)  Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	200-240/346-415V WYE
<b>Current</b>	16A x 3 Phase WYE
<b>VA per Input (Load Capacity)</b>	11.0kW (230V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	None
<b>Switch</b>	No
<b>LCD Touchscreen Display / Auto Oriented</b>	Yes
<b>Power Cable Wire Gauge</b>	2.5mm <sup>2</sup> H07RN-F
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Rear
<b>Plug Type</b>	IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44
<b>Combined Total Receptacle/Socket Quantity</b>	9
<b>Receptacle/Socket Type #1</b>	U-Lock IEC C13
<b>- Quantity on Rear</b>	6
<b>- Quantity per Phase</b>	2
<b>- U-Lock Color ID</b>	3 Circuit = Orange, Green, Blue
<b>- Style</b>	Individual
<b>- Voltage per Receptacle/Socket</b>	230V
<b>Receptacle/Socket Type #2</b>	U-Lock IEC C19
<b>- Quantity on Rear</b>	3
<b>- Quantity per Phase</b>	1
<b>- U-Lock Color ID</b>	3 Circuit = Orange, Green, Blue
<b>- Style</b>	Individual
<b>- Voltage per Receptacle/Socket</b>	230V

<b>Internal RMS Voltage Sensor</b>	Yes
<b>Internal RMS Current Sensor</b>	Yes
<b>Network Connection</b>	Dual 10/100/1000Mbps Ethernet
<b>Protocols Supported</b>	DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP
<b>Data Access Formats</b>	CSV datalog, JSON API, JSON datalog
<b>USB Support</b>	Yes
<b>IP Reset Button</b>	Yes
<b>Hard Reboot Button</b>	Yes
<b>Serial Connection</b>	RS232 via RJ45
<b>Remote Sensor RJ Connection Jacks</b>	1 (Supports up to 16 Sensors)
<b>Maximum Operating Temperature</b>	60C / 140F
<b>Heavy Steel - Powder Coat Finish</b>	Black
<b>Configuration</b>	1U
<b>Adjustable Mount Brackets</b>	Yes
<b>Product Warranty</b>	5-year limited warranty
<b>Certification/Agency Approvals</b>	CE Marked
<b>Certification/Agency Approvals</b>	UKCA Marked
<b>Certification/Agency Approvals</b>	Complies with IEC 62368-1 (DOC Available)
<b>Certification/Agency Approvals</b>	Complies with EN 55032 and EN 55035
<b>Certification/Agency Approvals</b>	RoHS Compliant
<b>Certification/Agency Approvals</b>	RCM Mark (EMC Only)
<b>Certification/Agency Approvals</b>	China RoHS
<b>Certification/Agency Approvals</b>	C <sub>P</sub> Mark
<b>Chassis Dimensions (HxWxD)</b>	44mm x 432mm x 216mm
<b>Shipped Weight</b>	14lbs (6.35kg)