

## 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.
- 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 #: VP4G32A0

**Model Number:** MG05M2R1-16PB43-3PS6B2H10-S

**Category:** Monitored

**Sub Category:** Unit Level

**Power Configuration:** 32A, 230V, 7.3kW

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

**Product Summary:** rPDU, Monitored Unit Level EC, 32A, 230V, 7.3kW, Horizontal, (12) Locking IEC C13, (4) Locking IEC C19, 3m power cord with 1P+N+E (IP44), Black Powder Coat.

**Monitoring:** Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

**Plug Form:**

1P+N+E (IP44)

**Receptacle:**Locking IEC C13  
(Quantity: 12)Locking IEC C19  
(Quantity: 4)**Chassis Color Options:**

To discuss color options, contact your local sales representative.

**Product Specification and Options****System Features**

|  |   |
|--|---|
| <b>Monitoring</b>                                | Input power monitoring with breaker level current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display. |
| <b>Monitoring Level 1</b>                        | Phase (A) Monitoring (kWh, W, VA, PF, V, A)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements                                    |
| <b>Monitoring Level 2</b>                        | Circuit/Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy   |
| <b>Quantity Of Inputs</b>                        | 1   |
| <b>Voltage</b>                                   | 200-240V  |
| <b>Current</b>                                   | 32A   |
| <b>VA per Input (Load Capacity)</b>              | 7.3kW (230V)  |
| <b>Frequency</b>                                 | 50/60Hz   |
| <b>Over Current Protection</b>                   | (2) 16A Single Pole Magnetic Breakers   |
| <b>Switch</b>                                    | Breaker/Switch Combination  |
| <b>LCD Touchscreen Display / Auto Oriented</b>   | Yes   |
| <b>Power Cable Wire Gauge</b>                    | 4mm <sup>2</sup> H07RN-F  |
| <b>Power Cable Length</b>                        | 10ft / 3m   |
| <b>Power Entry Location</b>                      | Left Rear   |
| <b>Plug Type</b>                                 | IEC60309 1P + N + E, 32A, 250V, Splashproof IP44  |
| <b>Combined Total Receptacle/Socket Quantity</b> | 16  |
| <b>Receptacle/Socket Type #1</b>                 | U-Lock IEC C13  |
| - Quantity on Rear                               | 12  |
| - Quantity per Breaker                           | 6   |
| - U-Lock Color ID                                | 2 Circuit = Orange, Green   |
| - Style  | Individual  |
| - Voltage per Receptacle/Socket                  | 230V  |
| <b>Receptacle/Socket Type #2</b>                 | U-Lock IEC C19  |
| - Quantity on Rear                               | 4   |

|                                   |  |
|-----------------------------------|--|
| - Quantity per Breaker Pair       | 2  |
| - U-Lock Color ID                 | 2 Circuit = Orange, Green  |
| - Style                           | Individual   |
| - Voltage per Receptacle/Socket   | 230V   |
| Internal RMS Voltage Sensor       | Yes  |
| Internal RMS Current Sensor       | Yes  |
| 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                     | 2U   |
| 19in Recess Mount                 | Yes  |
| 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    | 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    | C <sub>p</sub> Mark  |
| Certification/Agency Approvals    | RCM Mark (EMC Only)  |
| Certification/Agency Approvals    | China RoHS   |
| Chassis Dimensions (HxWxD)        | 87mm x 432mm x 229mm   |
| Shipped Weight                    | 15lbs (6.8kg)  |