

## 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 #: VP4G20AE

**Model Number:** MG05M4B0-42IZ63-2PS56B2A10-S

**Category:** Monitored

**Sub Category:** Unit Level

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

**Physical Configuration:** 66in / 1683mm, Vertical

### Product Summary:

rPDU, Monitored Unit Level EC, 16A, 230/400V WYE, 11.0kW, Vertical, (36) IEC C13, (6) 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:



IEC C13  
(Quantity: 36)



IEC C19  
(Quantity: 6)

### 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)<br><br>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)<br><br>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)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% 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>                    | 2.5mmÂ² H07RN-F   |
| <b>Power Cable Length</b>                        | 10ft / 3m   |
| <b>Power Entry Location</b>                      | Bottom Front  |
| <b>Plug Type</b>                                 | IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44  |
| <b>Combined Total Receptacle/Socket Quantity</b> | 42  |
| <b>Receptacle/Socket Type #1</b>                 | IEC C13   |
| - Quantity on Face                               | 36  |
| - Quantity per Phase                             | 12  |
| - Style  | Banks of 6  |
| - Voltage per Receptacle/Socket                  | 230V  |
| <b>Receptacle/Socket Type #2</b>                 | IEC C19   |
| - Quantity on Face                               | 6   |
| - Quantity per Phase                             | 2   |
| - Style  | Individual  |
| - Voltage per Receptacle/Socket                  | 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   |

|   |   |
|---|---|
| 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   | 66in / 1683mm Vertical Rackmount  |
| 7938 Vertical Mounting Bracket Kit                    | Yes   |
| Toolless Mounting Hardware - Center to Center Spacing | 1556mm and 1645mm   |
| 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   |
| Chassis Dimensions (LxWxD)                            | 1683mm x 51mm x 51mm  |
| Shipped Weight  | 16lbs (7.26kg)  |