

## OVERVIEW

Upgradeable Outlet Level EC 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 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
- 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 self-configuration of downstream devices.



## Part #: VP6G20A3

**Model Number:** MGR5MGB0-36PT63-2PS56B2A10-S-A

**Category:** Monitored

**Sub Category:** Outlet Level

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

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

**Product Summary:** rPDU, Monitored Outlet Level EC, 16A, 230/400V WYE, 11.0kW, 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 LED display.

### Plug Form:



3P+N+E (IP44)

### Receptacle:



Locking IEC C13  
(Quantity: 30)



Locking IEC C19  
(Quantity: 6)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

## System Features

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|--|--|
| <b>Monitoring</b>                                | Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| <b>Input Monitoring</b>                          | Total Unit Monitoring (kWh, W, VA, PF)<br>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>Circuit Monitoring</b>                        | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy  |
| <b>Outlet Monitoring</b>                         | Outlet 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>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>Indicators - LED(s)</b>                       | 36   |
| <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>                      | Bottom Front   |
| <b>Plug Type</b>                                 | IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44   |
| <b>Combined Total Receptacle/Socket Quantity</b> | 36   |
| <b>Alternating Phase/Circuits</b>                | Yes  |
| <b>Receptacle/Socket Type #1</b>                 | U-Lock IEC C13   |
| - Quantity on Face                               | 30   |
| - Quantity per Phase                             | 10   |
| - U-Lock Color ID                                | 3 Circuit = Orange, Green, Blue  |
| - Style  | Individual   |
| - Voltage per Receptacle/Socket                  | 230V   |
| <b>Receptacle/Socket Type #2</b>                 | U-Lock IEC C19   |
| - Quantity on Face                               | 6  |
| - Quantity per Phase                             | 2  |
| - U-Lock Color ID                                | 3 Circuit = Orange, Green, Blue  |
| - Style  | Individual   |
| - Voltage per Receptacle/Socket                  | 230V   |
| <b>Network Connection</b>                        | Dual 10/100/1000Mbps Ethernet  |

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|--|--|
| <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>   | Zero U   |
| <b>7938 Vertical Mounting Bracket Kit</b>                    | Yes  |
| <b>Toolless Mounting Hardware - Center to Center Spacing</b> | 61.25in and 64.75in / 1556mm and 1645mm  |
| <b>Country of Origin</b>                                     | USA, TAA Compliant and Buy American Act COTS Compliant   |
| <b>Product Warranty</b>                                      | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years        |
| <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>                        | C <sub>e</sub> Mark  |
| <b>Certification/Agency Approvals</b>                        | RCM Mark (EMC Only)  |
| <b>Certification/Agency Approvals</b>                        | China RoHS   |
| <b>Chassis Dimensions (LxWxD)</b>                            | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm   |
| <b>Doghouse (D)</b>  | 1.4in / 36mm   |
| <b>Shipped Weight</b>  | 18lbs (8.16kg)   |