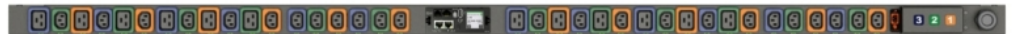


## OVERVIEW

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 #: VP6G20AD

**Model Number:** MGR5MGB0-36PNB3-2PS56B2A10-S-A-RC

**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, 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 and Outlet power monitoring. 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: 24)



Locking IEC C19  
(Quantity: 12)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|  |  |
|--|--|
| <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 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>Residual Current Metering (RCM)</b>           | Phase (A, B, C)<br>Type B (AC/DC) with operating characteristics defined in IEC 62020:1998+AMD1:2003.  |
| <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                               | 24   |
| - Quantity per Phase                             | 8  |
| - 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                               | 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                                    | 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 | 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                        | 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)                            | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm   |
| Doghouse (D)  | 1.4in / 36mm   |
| Shipped Weight  | 18lbs (8.16kg)   |