

## OVERVIEW

Upgradeable Switched Unit Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of input 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

- Remotely reboot outlets to power cycle unresponsive IT equipment or increase runtime of critical equipment upon power failure with outlet-level control.
- 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.
- Daisy-chain up to 50 devices on a single IP address and reduce



## Part #: VP5G30AB

**Model Number:** MGS5MGB1-24CF13-3PS6B2A10-S-RC

**Category:** Switched

**Sub Category:** Unit Level Monitoring

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

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

### Product Summary:

rPDU, Switched Unit Level Monitoring EC, Residual Current Metering Type B, 32A, 230V, 7.3kW, Vertical, (24) Combination C13/C19, 10ft / 3m power cord with 1P+N+E (IP44), Black Powder Coat.

### Monitoring:

Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet

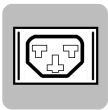
deployment time with self-configuration of downstream devices.

connectivity. Local high visibility display.

Plug Form: Receptacle:



1P+N+E (IP44)



Combination C13/C19  
(Quantity: 24)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

|                                         |                                                                                                                                                                                                           |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring                              | Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display. |
| Input Monitoring                        | 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                                                        |
| Circuit Monitoring                      | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy                                                                             |
| Residual Current Metering (RCM)         | Phase (A)<br><br>Type B (AC/DC) with operating characteristics defined in IEC 62020:1998+AMD1:2003.                                                                                                       |
| Remote Power Management                 | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up                                                                                                                |
| Quantity Of Inputs                      | 1                                                                                                                                                                                                         |
| Voltage                                 | 200-240V                                                                                                                                                                                                  |
| Current                                 | 32A                                                                                                                                                                                                       |
| VA per Input (Load Capacity)            | 7.3kW (230V)                                                                                                                                                                                              |
| Frequency                               | 50/60Hz                                                                                                                                                                                                   |
| Over Current Protection                 | (2) 16A Single Pole Magnetic Breakers (10kAIC Rated)                                                                                                                                                      |
| Switch                                  | Breaker/Switch Combination                                                                                                                                                                                |
| LCD Touchscreen Display / Auto Oriented | Yes                                                                                                                                                                                                       |
| Indicators - LED(s)                     | 24                                                                                                                                                                                                        |
| Power Cable Wire Gauge                  | 4mmÂ² H07RN-F                                                                                                                                                                                             |
| Power Cable Length                      | 10ft / 3m                                                                                                                                                                                                 |
| Power Entry Location                    | Bottom Front                                                                                                                                                                                              |
| Plug Type                               | IEC60309 1P + N + E, 32A, 250V, Splashproof IP44                                                                                                                                                          |
| Receptacle/Socket Type #1               | Combination C13/C19                                                                                                                                                                                       |
| - Quantity on Face                      | 24                                                                                                                                                                                                        |

|                                                       |                                                                                                                  |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| - Quantity per Breaker Pair                           | 12                                                                                                               |
| - Circuit Color ID                                    | 2 Circuit = Orange, Green                                                                                        |
| - Style                                               | Banks of 6                                                                                                       |
| - 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                                                                                                           |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in / 1556mm and 1645mm                                                                          |
| Product Warranty                                      | 5-year limited warranty                                                                                          |
| 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                                                                     |
| Shipped Weight                                        | 20lbs (9.07kg)                                                                                                   |