

## OVERVIEW

Upgradeable Switched Outlet Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of outlet level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. With the Geist Upgradeable hot-swap technology, users may easily update the rPDU technology with the addition of the appropriate Interchangeable Monitoring Device (IMD) as business needs change.

### 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 outlet-level power monitoring options offer quick access to critical power usage information down to the device level 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.



## Part #: VP7G21A0

**Model Number:** MGU5M1R5-12CF13-2PS56B2H10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring

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

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

### Product Summary:

rPDU, Switched Outlet Level Monitoring EC, 16A, 230/400V WYE, 11.0kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder Coat.

### Monitoring:

Input and Outlet power monitoring with Outlet switching. 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:



Combination C13/C19  
(Quantity: 12)

### Chassis Color Options:

- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|                                         |                                                                                                                                                                                                                      |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring                              | Input and Outlet 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                        | 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                   |
| Outlet Monitoring                       | 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.                                                                     |
| Remote Power Management                 | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up                                                                                                                           |
| Quantity Of Inputs                      | 1                                                                                                                                                                                                                    |
| Voltage                                 | 200-240/346-415V WYE                                                                                                                                                                                                 |
| Current                                 | 16A x 3 Phase WYE                                                                                                                                                                                                    |
| VA per Input (Load Capacity)            | 11.0kW (230V)                                                                                                                                                                                                        |
| Frequency                               | 50/60Hz                                                                                                                                                                                                              |
| Over Current Protection                 | None                                                                                                                                                                                                                 |
| Switch                                  | No                                                                                                                                                                                                                   |
| LCD Touchscreen Display / Auto Oriented | Yes                                                                                                                                                                                                                  |
| Indicators - LED(s)                     | 12                                                                                                                                                                                                                   |
| Power Cable Wire Gauge                  | 2.5mmÂ² H07RN-F                                                                                                                                                                                                      |
| Power Cable Length                      | 10ft / 3m                                                                                                                                                                                                            |
| Power Entry Location                    | Left Rear                                                                                                                                                                                                            |
| Plug Type                               | IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44                                                                                                                                                                 |
| Receptacle/Socket Type #1               | Combination C13/C19                                                                                                                                                                                                  |
| - Quantity on Rear                      | 12                                                                                                                                                                                                                   |
| - Quantity per Phase                    | 4                                                                                                                                                                                                                    |
| - Circuit Color ID                      | 3 Circuit = Orange, Green, Blue                                                                                                                                                                                      |
| - 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                     | 19in / 483mm Horizontal Rackmount                                                                         |
| Adjustable Mount Brackets         | 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>ρ</sub> Mark                                                                                       |
| Certification/Agency Approvals    | RCM Mark (EMC Only)                                                                                       |
| Certification/Agency Approvals    | China RoHS                                                                                                |
| Chassis Dimensions (HxWxD)        | 1.72in x 17in x 12in / 44mm x 432mm x 305mm                                                               |
| Shipped Weight                    | 10lbs (4.54kg)                                                                                            |