

## 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 PowerIT 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 #: VP7G91A0

**Model Number:** MGU5M1R6-12CF13-3PS6C2H10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring

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

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

### Product Summary:

rPDU, Switched Outlet Level Monitoring EC, 32A, 230V, 7.3kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 1P+N+E AU (IP66), 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:



1P+N+E AU (IP66)

### 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                        | 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                                                                                        |
| 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                                 | 200-240V                                                                                                                                                                                                             |
| 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)                     | 12                                                                                                                                                                                                                   |
| Power Cable Wire Gauge                  | 4mm <sup>2</sup> H07RN-F                                                                                                                                                                                             |
| Power Cable Length                      | 10ft / 3m                                                                                                                                                                                                            |
| Power Entry Location                    | Rear                                                                                                                                                                                                                 |
| Plug Type                               | AS/NZS 3123 Industrial Plug, 1P + N + E, 32A, IP66 56P332                                                                                                                                                            |
| Receptacle/Socket Type #1               | Combination C13/C19                                                                                                                                                                                                  |
| - Quantity on Rear                      | 12                                                                                                                                                                                                                   |
| - Quantity per Breaker                  | 6                                                                                                                                                                                                                    |
| - 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                     | 19in / 483mm Horizontal Rackmount           |
| Adjustable Mount Brackets         | Yes                                         |
| 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    | RCM Mark (EMC Only)                         |
| Certification/Agency Approvals    | C <sub>ρ</sub> Mark                         |
| Chassis Dimensions (HxWxD)        | 1.72in x 17in x 12in / 44mm x 432mm x 305mm |
| Shipped Weight                    | 12lbs (5.44kg)                              |