

## OVERVIEW

Upgradeable Switched Unit Level Monitored EC 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.
- Gather comprehensive power data at the palm of your hand with the use of



## Part #: VP59100

**Model Number:** MGS3E1R6-12CF13-3PS6B2H10-S

**Category:** Switched

**Sub Category:** Unit Level Monitoring EC

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

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

**Product Summary:** rPDU, Switched Unit Level Monitoring EC, 32A, 230V, 7.3kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 1P+N+E (IP44), Black Powder Coat.

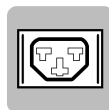
**Monitoring:** Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

### Plug Form:



1P+N+E (IP44)

### Receptacle:



Combination C13/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 power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| <b>Input Monitoring</b>                      | 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  |
| <b>Circuit Monitoring</b>                    | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy   |
| <b>Remote Power Management</b>               | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up  |
| <b>VLC Support</b>                           | Yes   |
| <b>Quantity Of Inputs</b>                    | 1   |
| <b>Voltage</b>                               | 200-240V  |
| <b>Current</b>                               | 32A   |
| <b>VA per Input (Load Capacity)</b>          | 7.3kW (230V)  |
| <b>Frequency</b>                             | 50/60Hz   |
| <b>Over Current Protection</b>               | (2) 16A Single Pole Magnetic Breakers (10kAIC Rated)  |
| <b>Switch</b>                                | Breaker/Switch Combination  |
| <b>Scrolling / Rotatable Digital Display</b> | Yes   |
| <b>Indicators - LED(s)</b>                   | 12  |
| <b>Power Cable Wire Gauge</b>                | 4mm <sup>2</sup> H07RN-F  |
| <b>Power Cable Length</b>                    | 10ft / 3m   |
| <b>Power Entry Location</b>                  | Left Rear   |
| <b>Plug Type</b>                             | IEC60309 1P + N + E, 32A, 250V, Splashproof IP44  |
| <b>Receptacle/Socket Type #1</b>             | Combination C13/C19   |
| <b>- Quantity on Rear</b>                    | 12  |
| <b>- Quantity per Breaker</b>                | 6   |
| <b>- Circuit Color ID</b>                    | 2 Circuit = Orange, Green   |
| <b>- Style</b>                               | Banks of 6  |
| <b>- Voltage per Receptacle/Socket</b>       | 230V  |
| <b>Network Connection</b>                    | Dual 10/100Mbps Ethernet  |
| <b>Protocols Supported</b>                   | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+  |
| <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>                         | 19in / 483mm Horizontal Rackmount   |

|                                       |   |
|---------------------------------------|---|
| <b>Adjustable Mount Brackets</b>      | Yes   |
| <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> | Complies with EN 55032 and EN 55024   |
| <b>Certification/Agency Approvals</b> | RoHS Compliant  |
| <b>Certification/Agency Approvals</b> | RCM Mark (EMC Only)   |
| <b>Certification/Agency Approvals</b> | Complies with IEC 62368-1 (DOC Available)   |
| <b>Certification/Agency Approvals</b> | China RoHS  |
| <b>Certification/Agency Approvals</b> | C <sub>p</sub> Mark   |
| <b>Chassis Dimensions (HxWxD)</b>     | 1.72in x 17in x 12in / 44mm x 432mm x 305mm   |
| <b>Shipped Weight</b>                 | 12lbs (5.44kg)  |