

## OVERVIEW

Upgradeable Unit Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of input 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 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.
- Every unit is 100% tested for reliability and functionality.
- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.



## Part #: VP4G21A0

**Model Number:** MG05M1R0-10L133-2PS6B2H10-S

**Category:** Monitored

**Sub Category:** Unit Level

**Power Configuration:** 16A, 230V, 3.6kW

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

**Product Summary:** rPDU, Monitored Unit Level EC, 16A, 230V, 3.6kW, Horizontal, (10) Locking IEC C13, 3m power cord with 1P+N+E (IP44), Black Powder Coat.

**Monitoring:** Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

### Plug Form:



1P+N+E (IP44)

### Receptacle:



Locking IEC C13  
(Quantity: 10)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

## Product Specification and Options

### System Features

|                                         |                                                                                                                                                    |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Monitoring                              | Input power monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.    |
| Monitoring Level 1                      | 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 |
| Quantity Of Inputs                      | 1                                                                                                                                                  |
| Voltage                                 | 200-240V                                                                                                                                           |
| Current                                 | 16A                                                                                                                                                |
| VA per Input (Load Capacity)            | 3.6kW (230V)                                                                                                                                       |
| Frequency                               | 50/60Hz                                                                                                                                            |
| Over Current Protection                 | None                                                                                                                                               |
| Switch                                  | No                                                                                                                                                 |
| LCD Touchscreen Display / Auto Oriented | Yes                                                                                                                                                |
| Power Cable Wire Gauge                  | 2.5mmÂ² H07RN-F                                                                                                                                    |
| Power Cable Length                      | 10ft / 3m                                                                                                                                          |
| Power Entry Location                    | Left Rear                                                                                                                                          |
| Plug Type                               | IEC60309 1P + N + E, 16A, 250V, Splashproof IP44                                                                                                   |
| Receptacle/Socket Type #1               | U-Lock IEC C13                                                                                                                                     |
| - Quantity on Rear                      | 10                                                                                                                                                 |
| - U-Lock Color ID                       | 1 Circuit = Orange                                                                                                                                 |
| - Style                                 | Individual                                                                                                                                         |
| - Voltage per Receptacle/Socket         | 230V                                                                                                                                               |
| Internal RMS Voltage Sensor             | Yes                                                                                                                                                |
| Internal RMS Current Sensor             | Yes                                                                                                                                                |
| 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                           | 1U                                                                                                                                                 |
| 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>μ</sub> Mark                                                                                       |
| Certification/Agency Approvals | RCM Mark (EMC Only)                                                                                       |
| Chassis Dimensions (HxWxD)     | 44mm x 432mm x 216mm                                                                                      |
| Shipped Weight                 | 12lbs (5.44kg)                                                                                            |