

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 #: VP4G32A0

Model Number: MG05M2R1-16PB43-3PS6B2H10-S

Category: Monitored

Sub Category: Unit Level

Power Configuration: 32A, 230V, 7.3kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary:

rPDU, Monitored Unit Level EC, 32A, 230V, 7.3kW, Horizontal, (12) Locking IEC C13, (4) Locking IEC C19, 3m power cord with 1P+N+E (IP44), Black Powder Coat.

Monitoring:

Input power monitoring with breaker level current 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: 12)Locking IEC C19
(Quantity: 4)**Chassis Color Options:**

To discuss color options, contact your local sales representative.

Product Specification and Options**System Features**

| | |
|---|---|
| Monitoring | Input power monitoring with breaker level current 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) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Monitoring Level 2 | Circuit/Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| 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 |
| Switch | Breaker/Switch Combination |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Power Cable Wire Gauge | 4mm ² H07RN-F |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Left Rear |
| Plug Type | IEC60309 1P + N + E, 32A, 250V, Splashproof IP44 |
| Combined Total Receptacle/Socket Quantity | 16 |
| Receptacle/Socket Type #1 | U-Lock IEC C13 |
| - Quantity on Rear | 12 |
| - Quantity per Breaker | 6 |
| - U-Lock Color ID | 2 Circuit = Orange, Green |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 230V |
| Receptacle/Socket Type #2 | U-Lock IEC C19 |
| - Quantity on Rear | 4 |

| | |
|-----------------------------------|--|
| - Quantity per Breaker Pair | 2 |
| - U-Lock Color ID | 2 Circuit = Orange, Green |
| - 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 | 2U |
| 19in Recess Mount | 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 | RCM Mark (EMC Only) |
| Certification/Agency Approvals | China RoHS |
| Certification/Agency Approvals | C _P Mark |
| Chassis Dimensions (HxWxD) | 87mm x 432mm x 229mm |
| Shipped Weight | 15lbs (6.8kg) |