

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 #: VP4U21A1

Model Number: MU05M1R0-12CF17-2C20A9H00-S

Category: Monitored

Sub Category: Unit Level

Power Configuration: 16A or 20A, 120V or 208V or 230V, 1.9kW or 3.3kW or 3.6kW

Physical Configuration: 19in / 483mm, Horizontal

Product Summary:

rPDU, Monitored Unit Level EC, 16A OR 20A, 120V OR 208V OR 230V, 1.9kW or 3.3kW or 3.6kW, Horizontal, (12) Combination C13/C19, C20 Inlet, Black Powder Coat.

Monitoring:

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

Plug Form:



C20 Inlet

Receptacle:



Combination C13/C19
(Quantity: 12)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

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|---|--|
| 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) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Quantity Of Inputs | 1 |
| Voltage | 100-240V |
| Current | 16A or 20A |
| VA per Input (Load Capacity) | 1.9kW (120V), 3.3kW (208V), 3.6kW (230V) |
| Frequency | 50/60Hz |
| Over Current Protection | None |
| Switch | No |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Power Entry Location | Left Rear |
| Plug Type | IEC60320 C20 Power Inlet (cord sold separately) |
| Receptacle/Socket Type #1 | Combination C13/C19 |
| - Quantity on Rear | 12 |
| - U-Lock Color ID | 1 Circuit = Orange |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 100-120V or 208-240V |
| 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 |

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| 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 | FCC Part 15 Class A Conformance |
| Certification/Agency Approvals | C _ρ Mark |
| Certification/Agency Approvals | RCM Mark (EMC Only) |
| Certification/Agency Approvals | China RoHS |
| Certification/Agency Approvals | UL & c-UL Listed 62368-1 |
| Chassis Dimensions (HxWxD) | 1.72in x 17in x 9in / 44mm x 432mm x 229mm |
| Shipped Weight | 12lbs (5.44kg) |