

## OVERVIEW

Upgradeable Unit Level 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 #: VP4U60A1

**Model Number:** MU05MGW1-24CF17-6PS6B4A10-S

**Category:** Monitored

**Sub Category:** Unit Level

**Power Configuration:** 60/63A, 200-240V, 14.4kW

**Physical Configuration:** 70in / 1778mm, Vertical

### Product Summary:

rPDU, Monitored Unit Level, 60A/63A, 200-240V, 14.4kW, Vertical, (24) Combination C13/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:



2P+E (IP44)

### Receptacle:



Combination C13/C19  
(Quantity: 24)

### 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. |
| 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                                                         |
| Quantity Of Inputs                          | 1                                                                                                                                                                                     |
| Voltage                                     | 200-240V                                                                                                                                                                              |
| Current                                     | 60/63A                                                                                                                                                                                |
| VA per Input (Load Capacity) 48A Derated UL | 11.5kW (240V)                                                                                                                                                                         |
| VA per Input (Load Capacity) 63A CE         | 14.4kW (230V)                                                                                                                                                                         |
| Frequency                                   | 50/60Hz                                                                                                                                                                               |
| Over Current Protection                     | (4) 16A Double Pole Magnetic Breakers                                                                                                                                                 |
| Switch                                      | Breaker/Switch Combination                                                                                                                                                            |
| LCD Touchscreen Display / Auto Oriented     | Yes                                                                                                                                                                                   |
| Power Cable Wire Gauge                      | 16mm <sup>2</sup> H07RN-F                                                                                                                                                             |
| Power Cable Length                          | 10ft / 3m                                                                                                                                                                             |
| Power Entry Location                        | Bottom Front                                                                                                                                                                          |
| Plug Type                                   | IEC60309 2P + E, 60/63A, 250V, Splashproof IP44                                                                                                                                       |
| Receptacle/Socket Type #1                   | Combination C13/C19                                                                                                                                                                   |
| - Quantity on Face                          | 24                                                                                                                                                                                    |
| - Quantity per Breaker                      | 6                                                                                                                                                                                     |
| - Circuit Color ID                          | 4 Circuit = Orange, Light Orange, Green, Light Green                                                                                                                                  |
| - Style                                     | Banks of 6                                                                                                                                                                            |
| - 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                                         | Zero U                                                                                                           |
| 7938 Vertical Mounting Bracket Kit                    | Yes                                                                                                              |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in / 1556mm and 1645mm                                                                          |
| Product Warranty                                      | 5-year limited warranty                                                                                          |
| Certification/Agency Approvals                        | CE Marked                                                                                                        |
| Certification/Agency Approvals                        | UL & c-UL Listed 62368-1                                                                                         |
| 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                        | FCC Part 15 Class A Conformance                                                                                  |
| Certification/Agency Approvals                        | China RoHS                                                                                                       |
| Chassis Dimensions (LxWxD)                            | 70in x 2in x 2.6in / 1778mm x 51mm x 66mm                                                                        |
| Shipping Weight                                       | 19 lbs (8.6 kg)                                                                                                  |