

## OVERVIEW

Upgradeable Switched Outlet Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of outlet level power usage via remote network access. Includes environmental monitoring capabilities to obtain real-time environmental metrics. With the PowerIT Upgradeable hot-swap technology, users may easily update the rPDU technology with the addition of the appropriate Interchangeable Monitoring Device (IMD) as business needs change.

### 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 outlet-level power monitoring options offer quick access to critical power usage information down to the device level 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.



## Part #: VP7U60A1

**Model Number:** JMUU5MDZ1-48CF13-6PS56B4A10-S

**Category:** Switched

**Sub Category:** Outlet Level Monitoring

**Power Configuration:** 60/63A, 240/415V WYE, 43.4kW

**Physical Configuration:** 78in / 1982mm, Vertical

### Product Summary:

rPDU, Switched Outlet Level Monitoring, 60/63A, 200-240/346-415V WYE, 43.4kW, Vertical, (48) Combination C13/C19, 10ft / 3m power cord with 3P+N+E (IP44), Black Powder Coat.

### Monitoring:

Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain

- Daisy-chain up to 50 devices on a single IP address and reduce deployment time with self-configuration of downstream devices.

Ethernet connectivity. Local high visibility display.

**Plug Form:**



3P+N+E (IP44)

**Receptacle:**



Combination C13/C19  
(Quantity: 48)

**Chassis Color Options:**



To discuss color options, contact your local sales representative.

**Product Specification and Options**

**System Features**

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|--|--|
| <b>Monitoring</b>                                  | Input and Outlet power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display. |
| <b>Input Monitoring</b>                            | Total Unit Monitoring (kWh, W, VA, PF)<br>Phase (A, B, C) 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 1% Accuracy  |
| <b>Outlet Monitoring</b>                           | Outlet 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>Remote Power Management</b>                     | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up   |
| <b>Quantity Of Inputs</b>                          | 1  |
| <b>Voltage</b>                                     | 200-240/346-415V WYE   |
| <b>Current</b>                                     | 60/63A x 3 Phase WYE   |
| <b>VA per Input (Load Capacity) 48A Derated UL</b> | 34.5kW (240V)  |
| <b>VA per Input (Load Capacity) 63A CE</b>         | 43.4kW (230V)  |
| <b>Frequency</b>                                   | 50/60Hz  |
| <b>Over Current Protection</b>                     | (12) 20A Single Pole Magnetic Breakers (10kAIC Rated)  |
| <b>Switch</b>                                      | Breaker/Switch Combination   |
| <b>LCD Touchscreen Display / Auto Oriented</b>     | Yes  |
| <b>Indicators - LED(s)</b>                         | 48   |
| <b>Power Cable Wire Gauge</b>                      | 6/5 Type W   |
| <b>Power Cable Length</b>                          | 10ft / 3m  |
| <b>Power Entry Location</b>                        | Bottom Front   |
| <b>Plug Type</b>                                   | IEC60309 3P + N + E, 60/63A, 240/415V, Splashproof IP44  |

|  |   |
|--|---|
| <b>Receptacle/Socket Type #1</b>                             | Combination C13/C19   |
| <b>- Quantity on Face</b>                                    | 48  |
| <b>- Quantity per Breaker</b>                                | 4   |
| <b>- Quantity per Phase</b>                                  | 16  |
| <b>- Circuit Color ID</b>                                    | 12 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue, Orange, Green, Blue, Light Orange, Light Green, Light Blue |
| <b>- Style</b>   | Banks of 6  |
| <b>- Voltage per Receptacle/Socket</b>                       | 240V (L-N)  |
| <b>Network Connection</b>                                    | Dual 10/100/1000Mbps Ethernet   |
| <b>Protocols Supported</b>                                   | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+, Modbus TCP                    |
| <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>   | Zero U  |
| <b>Toolless Mounting Hardware - Center to Center Spacing</b> | 61.25in and 64.75in / 1556mm and 1645mm   |
| <b>Product Warranty</b>                                      | 5-year limited warranty   |
| <b>Certification/Agency Approvals</b>                        | CE Marked   |
| <b>Certification/Agency Approvals</b>                        | UL & c-UL Listed 62368-1  |
| <b>Certification/Agency Approvals</b>                        | UKCA Marked   |
| <b>Certification/Agency Approvals</b>                        | Complies with IEC 62368-1 (DOC Available)   |
| <b>Certification/Agency Approvals</b>                        | Complies with EN 55032 and EN 55035   |
| <b>Certification/Agency Approvals</b>                        | RoHS Compliant  |
| <b>Certification/Agency Approvals</b>                        | RCM Mark (EMC Only)   |
| <b>Certification/Agency Approvals</b>                        | FCC Part 15 Class A Conformance   |
| <b>Certification/Agency Approvals</b>                        | China RoHS  |
| <b>Certification/Agency Approvals</b>                        | C <sub>p</sub> Mark   |
| <b>Chassis Dimensions (LxWxD)</b>                            | 78in x 3.8in x 3.0in / 1982mm x 97mm x 77mm   |
| <b>Shipping Weight</b>                                       | 22 lbs (9.98 kg)  |