

OVERVIEW

Upgradeable Switched Unit Level Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering individual outlet level control and a comprehensive view of input 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

- 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 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.
- Daisy-chain up to 50 devices on a single IP address and reduce



Part #: VP5N20A1

Model Number: MNS5MGB0-24PK38-2TL21A0A10-S-A

Category: Switched

Sub Category: Unit Level Monitoring

Power Configuration: 20A, 120/208V WYE, 5.7kW

Physical Configuration: 66in / 1683mm, Vertical

Product Summary: rPDU, Switched Unit Level Monitoring EC, 20A, 120/208V WYE, 5.7kW, Vertical, (21) Locking IEC C13, (3) Locking IEC C19, 10ft / 3m power cord with L21-20P, Black Powder Coat.

Monitoring: Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display.

Plug Form:



L21-20P

Receptacle:



Locking IEC C13
(Quantity: 21)



Locking IEC C19
(Quantity: 3)

Chassis Color Options:



To discuss color options, contact your local sales representative.

deployment time with self-configuration of downstream devices.

Product Specification and Options

System Features

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| Monitoring | Input power monitoring with Outlet switching. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility display. |
| Input Monitoring | Total Unit Monitoring (kWh, W, VA, PF) Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Circuit Monitoring | Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 1% Accuracy |
| Remote Power Management | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up |
| Quantity Of Inputs | 1 |
| Voltage | 100-120/200-240V WYE |
| Current | 20A x 3 Phase WYE |
| VA per Input (Load Capacity) | 5.7kW (208V) |
| Frequency | 50/60Hz |
| Over Current Protection | None |
| Switch | No |
| LCD Touchscreen Display / Auto Oriented | Yes |
| Indicators - LED(s) | 24 |
| Power Cable Wire Gauge | 12/5 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Bottom Front |
| Plug Type | NEMA L21-20P Twistlock |
| Combined Total Receptacle/Socket Quantity | 24 |
| Alternating Phase/Circuits | Yes |
| Receptacle/Socket Type #1 | U-Lock IEC C13 |
| - Quantity on Face | 21 |
| - Quantity per Phase Combination | 7 |
| - U-Lock Color ID | 3 Circuit = Orange, Green, Blue |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 208V |
| Receptacle/Socket Type #2 | U-Lock IEC C19 |
| - Quantity on Face | 3 |
| - Quantity per Phase Combination | 1 |
| - U-Lock Color ID | 3 Circuit = Orange, Green, Blue |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 208V |
| Network Connection | Dual 10/100/1000Mbps Ethernet |

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| 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 |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in / 1556mm and 1645mm |
| Country of Origin | USA, TAA Compliant and Buy American Act COTS Compliant |
| Product Warranty | 5-year limited warranty |
| Certification/Agency Approvals | UL & c-UL Listed 62368-1 |
| Certification/Agency Approvals | RoHS Compliant |
| Certification/Agency Approvals | FCC Part 15 Class A Conformance |
| Chassis Dimensions (LxWxD) | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm |
| Shipped Weight | 18lbs (8.16kg) |