# Vertiv™ Geist™ rPDU

## 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 breakin 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 #: NI30688

**Model Number:** MN03E4W1-36CF18-4CS15A0A10-S-A
**Category:** Monitored
**Sub Category:** Unit Level EC
**Power Configuration:** 35A, 208V DELTA, 10.0kW
**Physical Configuration:** 70in / 1778mm, Vertical

**Product Summary:** rPDU, Monitored Unit Level EC, 35A, 208V DELTA, 10.0kW, Vertical, (36) Combination C13/C19, 10ft power cord with 3P+E CA, Black Powder Coat.

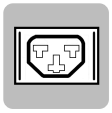
**Monitoring:** Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

**Plug Form:**



3P+E CA

**Receptacle:**



Combination C13/C19
(Quantity: 36)

**Chassis Color Options:**



*To discuss color options, contact your local sales representative.*

## Product Specification and Options

**System Features**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|---|---|
| **Monitoring** | Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| **Input Monitoring** | Total Unit Monitoring (kWh, W, VA, PF)<br>Phase (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A)<br>Line (A, B, C) Monitoring (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 2% Accuracy |
| **Quantity Of Inputs** | 1 |
| **Voltage** | 200-240V Delta |
| **Current** | 35A x 3 Phase DELTA |
| **VA per Input (Load Capacity)** | 10.0kW (208V) |
| **Frequency** | 50/60Hz |
| **Over Current Protection** | (3) 20A Double Pole Magnetic Breakers (22kAIC Rated) |
| **Switch** | Breaker/Switch Combination |
| **Scrolling / Rotatable Digital Display** | Yes |
| **Power Cable Wire Gauge** | 8/4 |
| **Power Cable Length** | 10ft / 3m |
| **Power Entry Location** | Bottom Front |
| **Plug Type** | California Style 50A, 250V, 3P/4W Twistlock |
| **Alternating Phase/Circuits** | Yes |
| **Receptacle/Socket Type #1** | Combination C13/C19 |
| **- Quantity on Face** | 36 |
| **- Quantity per Breaker and Phase Combination** | 12 |
| **- Circuit Color ID** | 3 Circuit = Orange, Green, Blue |
| **- Style** | Banks of 6 |
| **- Voltage per Receptacle/Socket** | 208V |
| **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 |


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| **7938 Vertical Mounting Bracket Kit** | Yes |
| **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 if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| **Certification/Agency Approvals** | RoHS Compliant |
| **Certification/Agency Approvals** | FCC Part 15 Class A Conformance |
| **Certification/Agency Approvals** | UL & c-UL Listed 62368-1 |
| **Chassis Dimensions (LxWxD)** | 70in x 2in x 2in / 1778mm x 51mm x 51mm |
| **Shipped Weight** | 17lbs (7.71kg) |


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