# Vertiv™ Geist™ rPDU

## 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 Geist 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 #: GU30015L

**Model Number:** MGU3EHW1-48MI13-3PS56B2A10-S-A
**Category:** Switched
**Sub Category:** Outlet Level Monitoring EC
**Power Configuration:** 32A, 230/400V WYE, 22.0kW
**Physical Configuration:** 70in / 1778mm, Vertical

**Product Summary:** rPDU, Switched Outlet Level Monitoring EC, 32A, 230/400V WYE, 22.0kW, Vertical, (42) Locking IEC C13, (6) Locking IEC 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 Ethernet connectivity. Local high visibility LED display.

**Plug Form:**



3P+N+E (IP44)

**Receptacle:**



Locking IEC C13 (Quantity: 42)



Locking IEC C19 (Quantity: 6)

**Chassis Color Options:**



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


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

## Product Specification and Options

### System Features

| | |
|---|---|
| **Monitoring** | 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 LED display. |
| **Input Monitoring** | 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 |
| **Circuit Monitoring** | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| **Outlet Monitoring** | 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. |
| **Remote Power Management** | Individual Outlet Switching with Optional User Defined Time Delays and Sequential Power-up |
| **VLC Support** | Yes |
| **Quantity Of Inputs** | 1 |
| **Voltage** | 200-240/346-415V WYE |
| **Current** | 32A x 3 Phase WYE |
| **VA per Input (Load Capacity)** | 22.0kW (230V) |
| **Frequency** | 50/60Hz |
| **Over Current Protection** | (6) 16A Single Pole Magnetic Breakers (5kAIC Rated) |
| **Switch** | Breaker/Switch Combination |
| **Scrolling / Rotatable Digital Display** | Yes |
| **Indicators - LED(s)** | 48 |
| **Power Cable Wire Gauge** | 6mm² H07RN-F |
| **Power Cable Length** | 10ft / 3m |
| **Power Entry Location** | Bottom Front |
| **Plug Type** | IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44 |
| **Combined Total Receptacle/Socket Quantity** | 48 |
| **Alternating Phase/Circuits** | Yes |
| **Receptacle/Socket Type #1** | U-Lock IEC C13 |
| **- Quantity on Face** | 42 |
| **- Quantity per Breaker** | 7 |
| **- Quantity per Phase** | 14 |
| **- U-Lock Color ID** | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue |
| **- Style** | Individual |
| **- Voltage per Receptacle/Socket** | 230V |
| **Receptacle/Socket Type #2** | U-Lock IEC C19 |
| **- Quantity on Face** | 6 |


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| | |
|---|---|
| **- Quantity per Breaker** | 1 |
| **- Quantity per Phase** | 2 |
| **- U-Lock Color ID** | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue |
| **- Style** | Individual |
| **- Voltage per Receptacle/Socket** | 230V |
| **Network Connection** | Dual 10/100Mbps Ethernet |
| **Protocols Supported** | DHCP, HTTP, HTTPS, IPv4, IPv6, LDAP, NTP, RADIUS, RSTP, SSH, SMTP, SNMP (v1/v2c/v3), Syslog, TACACS+ |
| **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** | 50C / 122F |
| **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 |
| **Country of Origin** | USA, TAA Compliant |
| **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** | Complies with EN 55032 and EN 55024 |
| **Certification/Agency Approvals** | Complies with IEC 60950-1 (CB Certificate Available) |
| **Certification/Agency Approvals** | RoHS Compliant |
| **Certification/Agency Approvals** | RCM Mark (EMC Only) |
| **Certification/Agency Approvals** | China RoHS |
| **Certification/Agency Approvals** | $C_{\rho}$ Mark |
| **Chassis Dimensions (LxWxD)** | 70in x 3.7in x 2.6in / 1778mm x 94mm x 66mm |
| **Shipped Weight** | 22lbs (9.98kg) |


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