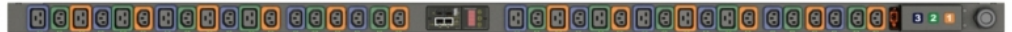


## OVERVIEW

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 #: VP7G8003

**Model Number:** MGU3EGB0-36PNB3-2PS56B2A10-S-A-RC

**Category:** Switched

**Sub Category:** Outlet Level Monitoring EC

**Power Configuration:** 16A, 230/400V WYE, 11.0kW

**Physical Configuration:** 66in / 1683mm, Vertical

### Product Summary:

rPDU, Switched Outlet Level Monitoring EC, Residual Current Metering Type B, 16A, 230/400V WYE, 11.0kW, Vertical, (24) Locking IEC C13, (12) 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: 24)



Locking IEC C19  
(Quantity: 12)

### Chassis Color Options:



To discuss color options, contact your local sales representative.

- 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.                                                                         |
| Residual Current Metering (RCM)           | Phase (A, B, C)<br>Type B (AC/DC) with operating characteristics defined in IEC 62020:1998+AMD1:2003.                                                                                                                    |
| 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                                   | 16A x 3 Phase WYE                                                                                                                                                                                                        |
| VA per Input (Load Capacity)              | 11.0kW (230V)                                                                                                                                                                                                            |
| Frequency                                 | 50/60Hz                                                                                                                                                                                                                  |
| Over Current Protection                   | None                                                                                                                                                                                                                     |
| Switch                                    | No                                                                                                                                                                                                                       |
| Scrolling / Rotatable Digital Display     | Yes                                                                                                                                                                                                                      |
| Indicators - LED(s)                       | 36                                                                                                                                                                                                                       |
| Power Cable Wire Gauge                    | 2.5mm² H07RN-F                                                                                                                                                                                                           |
| Power Cable Length                        | 10ft / 3m                                                                                                                                                                                                                |
| Power Entry Location                      | Bottom Front                                                                                                                                                                                                             |
| Plug Type                                 | IEC60309 3P + N + E, 16A, 230/400V, Splashproof IP44                                                                                                                                                                     |
| Combined Total Receptacle/Socket Quantity | 36                                                                                                                                                                                                                       |
| Alternating Phase/Circuits                | Yes                                                                                                                                                                                                                      |
| Receptacle/Socket Type #1                 | U-Lock IEC C13                                                                                                                                                                                                           |
| - Quantity on Face                        | 24                                                                                                                                                                                                                       |
| - Quantity per Phase                      | 8                                                                                                                                                                                                                        |
| - U-Lock Color ID                         | 3 Circuit = Orange, Green, Blue                                                                                                                                                                                          |
| - Style                                   | Individual                                                                                                                                                                                                               |
| - Voltage per Receptacle/Socket           | 230V                                                                                                                                                                                                                     |
| Receptacle/Socket Type #2                 | U-Lock IEC C19                                                                                                                                                                                                           |
| - Quantity on Face                        | 12                                                                                                                                                                                                                       |

|                                                       |                                                                                                           |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| - Quantity per Phase                                  | 4                                                                                                         |
| - U-Lock Color ID                                     | 3 Circuit = Orange, Green, 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                         | 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                                                                   |
| 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                        | CE Marked                                                                                                 |
| Certification/Agency Approvals                        | Complies with EN 55032 and EN 55024                                                                       |
| Certification/Agency Approvals                        | RoHS Compliant                                                                                            |
| Certification/Agency Approvals                        | Complies with IEC 62368-1 (DOC Available)                                                                 |
| Certification/Agency Approvals                        | C <sub>μ</sub> Mark                                                                                       |
| Chassis Dimensions (LxWxD)                            | 66.25in x 2in x 2.6in / 1683mm x 51mm x 66mm                                                              |
| Doghouse (D)                                          | 1.4in / 36mm                                                                                              |
| Shipped Weight                                        | 18lbs (8.16kg)                                                                                            |