# Vertiv™ Geist™ rPDU

## OVERVIEW

Upgradeable Outlet Level EC Monitored rPDUs provide reliable power distribution to critical IT equipment while delivering a comprehensive view of outlet 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.
- 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.
- Daisy-chain up to 50 devices on a



## Part #: GR30202

**Model Number:** MGR3E1R6-12CF13-3PS6B2H10-S
**Category:** Monitored
**Sub Category:** Outlet Level EC
**Power Configuration:** 32A, 230V, 7.3kW
**Physical Configuration:** 19in / 483mm, Horizontal

**Product Summary:** rPDU, Monitored Outlet Level EC, 32A, 230V, 7.3kW, Horizontal, (12) Combination C13/C19, 10ft / 3m power cord with 2P+E (IP44), Black Powder Coat.

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

**Plug Form:**



2P+E (IP44)

**Receptacle:**



Combination C13/C19
(Quantity: 12)

**Chassis Color Options:**


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single IP address and reduce deployment time with self-configuration of downstream devices.



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

## Product Specification and Options

**System Features**

| | |
|---|---|
| **Monitoring** | Input and Outlet power monitoring. Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. |
| **Input Monitoring** | Phase (A) 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. |
| **VLC Support** | Yes |
| **Quantity Of Inputs** | 1 |
| **Voltage** | 200-240V |
| **Current** | 32A |
| **VA per Input (Load Capacity)** | 7.3kW (230V) |
| **Frequency** | 50/60Hz |
| **Over Current Protection** | (2) 16A Single Pole Magnetic Breakers (10kAIC Rated) |
| **Switch** | Breaker/Switch Combination |
| **Scrolling / Rotatable Digital Display** | Yes |
| **Indicators - LED(s)** | 12 |
| **Power Cable Wire Gauge** | 4mm² H07RN-F |
| **Power Cable Length** | 10ft / 3m |
| **Power Entry Location** | Left Rear |
| **Plug Type** | IEC60309 1P + N + E, 32A, 250V, Splashproof IP44 |
| **Receptacle/Socket Type #1** | Combination C13/C19 |
| **- Quantity on Rear** | 12 |
| **- Quantity per Breaker** | 6 |
| **- Circuit Color ID** | 2 Circuit = Orange, Green |
| **- Style** | Banks of 6 |
| **- 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 |


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|---|---|
| **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** | 19in / 483mm Horizontal Rackmount |
| **Adjustable Mount Brackets** | Yes |
| **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** | RCM Mark (EMC Only) |
| **Certification/Agency Approvals** | Complies with IEC 62368-1 (DOC Available) |
| **Certification/Agency Approvals** | China RoHS |
| **Certification/Agency Approvals** | $C_{\rho}$ Mark |
| **Chassis Dimensions (HxWxD)** | 1.72in x 17in x 12in / 44mm x 432mm x 305mm |
| **Shipped Weight** | 12lbs (5.44kg) |


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