

## OVERVIEW

Upgradeable Metered rPDUs provide reliable power distribution to critical IT equipment within a rack or cabinet while delivering a view of real-time view of power usage from a local LED display.

### Benefits

- With the Geist Upgradeable hot-swap technology, users may easily transform metered rPDUs to monitored rPDUs with the addition of the appropriate Interchangeable Monitoring Device (IMD).
- Avoid accidental overloads when deploying or moving critical server equipment with instant access to power consumption metrics on the local digital display.
- Gather comprehensive power data at the palm of your hand with the use of the Vertiv VLC mobile app.
- Every unit is 100% tested for reliability and functionality.
- Simple and convenient configuration options for cord lengths and chassis colors.



### Part #: GI10021L

**Model Number:** MG01D2R1-12L193-3PS56B2H10-S

**Category:** Metered

**Sub Category:** Upgradeable

**Power Configuration:** 32A, 230/400V WYE, 22.0kW

**Physical Configuration:** 2U 19in / 483mm, Horizontal

**Product Summary:** rPDU, Metered Upgradeable, 32A, 230/400V WYE, 22.0kW, Horizontal, (12) Locking IEC C19, 3m power cord with 3P+N+E (IP44), Black Powder Coat.

**Monitoring:** Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Vertiv rPDU Scanner app.

**Plug Form:**

3P+N+E (IP44)

**Receptacle:**Locking IEC C19  
(Quantity: 12)**Chassis Color Options:**

To discuss color options, contact your local sales representative.

**Product Specification and Options****System Features**

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| <b>Monitoring</b>                            | Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Vertiv rPDU Scanner app. |
| <b>Monitoring Level 1</b>                    | Aggregate - Total Unit Monitoring (kWh, W, VA, PF)<br><br>Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements                        |
| <b>Monitoring Level 2</b>                    | 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                         |
| <b>Monitoring Level 3</b>                    | Circuit / Breaker Monitoring (A)<br><br>Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy  |
| <b>VLC Support</b>                           | Yes  |
| <b>Quantity Of Inputs</b>                    | 1  |
| <b>Voltage</b>                               | 200-240/346-415V WYE   |
| <b>Current</b>                               | 32A x 3 Phase WYE  |
| <b>VA per Input (Load Capacity)</b>          | 22.0kW (230V)  |
| <b>Frequency</b>                             | 50/60Hz  |
| <b>Over Current Protection</b>               | (6) 16A Single Pole Magnetic Breakers  |
| <b>Switch</b>                                | Breaker/Switch Combination   |
| <b>Scrolling / Rotatable Digital Display</b> | Yes  |
| <b>Power Cable Wire Gauge</b>                | 6mm <sup>2</sup> H07RN-F   |
| <b>Power Cable Length</b>                    | 10ft / 3m  |
| <b>Power Entry Location</b>                  | Left Rear  |
| <b>Plug Type</b>                             | IEC60309 3P + N + E, 32A, 230/400V, Splashproof IP44   |
| <b>Receptacle/Socket Type #1</b>             | U-Lock IEC C19   |
| <b>- Quantity on Rear</b>                    | 12   |
| <b>- Quantity per Breaker</b>                | 2  |
| <b>- Quantity per Phase</b>                  | 4  |
| <b>- U-Lock Color ID</b>                     | 6 Circuit = Orange, Light Orange, Green, Light Green, Blue, Light Blue   |

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|---|---|
| <b>- Style</b>                          | Individual  |
| <b>- Voltage per Receptacle/Socket</b>  | 230V  |
| <b>Internal RMS Voltage Sensor</b>      | Yes   |
| <b>Internal RMS Current Sensor</b>      | Yes   |
| <b>Maximum Operating Temperature</b>    | 60C / 140F  |
| <b>Heavy Steel - Powder Coat Finish</b> | Black   |
| <b>Configuration</b>                    | 2U  |
| <b>19in Recess Mount</b>                | Yes   |
| <b>Product Warranty</b>                 | 5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years |
| <b>Certification/Agency Approvals</b>   | CE Marked   |
| <b>Certification/Agency Approvals</b>   | Complies with EN 55032 and EN 55024   |
| <b>Certification/Agency Approvals</b>   | RoHS Compliant  |
| <b>Certification/Agency Approvals</b>   | RCM Mark (EMC Only)   |
| <b>Certification/Agency Approvals</b>   | Complies with IEC 62368-1 (DOC Available)   |
| <b>Certification/Agency Approvals</b>   | China RoHS  |
| <b>Certification/Agency Approvals</b>   | C <sub>P</sub> Mark   |
| <b>Chassis Dimensions (HxWxD)</b>       | 87mm x 432mm x 229mm  |
| <b>Shipped Weight</b>                   | 16lbs (7.26kg)  |