

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.
- Every unit is 100% tested for reliability and functionality.
- Simple and convenient configuration options for cord lengths and chassis colors.



Part #: I10149L

Model Number: MN01D5W1-42PZ63-3PS56B0A10-S-A

Category: Metered

Sub Category: Upgradeable

Power Configuration: 30A, 240/415V WYE, 17.2kW

Physical Configuration: 75in / 1905mm, Vertical

Product Summary: rPDU, Metered Upgradeable, 30A, 240/415V WYE, 17.2kW, Vertical, (36) Locking IEC C13, (6) Locking IEC C19, 10ft power cord with 3P+N+E (IP44), Black Powder Coat.

Monitoring: Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display.

Plug Form:



3P+N+E (IP44)

Receptacle:



Locking IEC C13
(Quantity: 36)



Locking IEC C19
(Quantity: 6)

Chassis Color Options:



To discuss color options, contact your local sales representative.

Product Specification and Options

System Features

Monitoring

Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display.

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| Monitoring Level 1 | Aggregate - Total Unit Monitoring (kWh, W, VA, PF) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Monitoring Level 2 | Phase (A, B, C) Monitoring (kWh, W, VA, PF, V, A) Power Measurements Compliant with ANSI C12.1 and IEC 62053-21 at 1% Accuracy Class Requirements |
| Monitoring Level 3 | Circuit / Breaker Monitoring (A) Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy |
| Quantity Of Inputs | 1 |
| Voltage | 200-240/346-415V WYE |
| Current | 30A x 3 Phase WYE |
| VA per Input (Load Capacity) | 17.2kW (240V) |
| Frequency | 50/60Hz |
| Over Current Protection | (6) 20A Single Pole Magnetic Breakers |
| Switch | Breaker/Switch Combination |
| Scrolling / Rotatable Digital Display | Yes |
| Power Cable Wire Gauge | 10/5 |
| Power Cable Length | 10ft / 3m |
| Power Entry Location | Bottom Front |
| Plug Type | IEC60309 3P + N + E, 30A, Splashproof IP44 |
| Combined Total Receptacle/Socket Quantity | 42 |
| Alternating Phase/Circuits | Yes |
| Receptacle/Socket Type #1 | U-Lock IEC C13 |
| - Quantity on Face | 36 |
| - Quantity per Breaker | 6 |
| - Quantity per Phase | 12 |
| - U-Lock Color ID | 6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue |
| - Style | Individual |
| - Voltage per Receptacle/Socket | 240V (L-N) |
| Receptacle/Socket Type #2 | U-Lock IEC C19 |
| - Quantity on Face | 6 |
| - 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 | 240V (L-N) |
| Center to Center Receptacle Spacing | 1U |
| Internal RMS Voltage Sensor | Yes |
| Internal RMS Current Sensor | Yes |
| Maximum Operating Temperature | 60C / 140F |

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|--|---|
| Heavy Steel - Powder Coat Finish | Black |
| Configuration | 75in / 1905mm Vertical Rackmount |
| 7938 Vertical Mounting Bracket Kit | Yes |
| Toolless Mounting Hardware - Center to Center Spacing | 61.25in and 64.75in |
| 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) | 75in x 3.5in x 2in |
| Shipped Weight | 19lbs (8.62kg) |