

## 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.

<b>Monitoring Level 1</b>	Aggregate - Total Unit Monitoring (kWh, W, VA, PF)  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)  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)  Circuit/Breaker Current Measurements Independently Tested and Verified at 2% Accuracy
<b>Quantity Of Inputs</b>	1
<b>Voltage</b>	200-240/346-415V WYE
<b>Current</b>	30A x 3 Phase WYE
<b>VA per Input (Load Capacity)</b>	17.2kW (240V)
<b>Frequency</b>	50/60Hz
<b>Over Current Protection</b>	(6) 20A Single Pole Magnetic Breakers
<b>Switch</b>	Breaker/Switch Combination
<b>Scrolling / Rotatable Digital Display</b>	Yes
<b>Power Cable Wire Gauge</b>	10/5
<b>Power Cable Length</b>	10ft / 3m
<b>Power Entry Location</b>	Bottom Front
<b>Plug Type</b>	IEC60309 3P + N + E, 30A, Splashproof IP44
<b>Combined Total Receptacle/Socket Quantity</b>	42
<b>Alternating Phase/Circuits</b>	Yes
<b>Receptacle/Socket Type #1</b>	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)
<b>Receptacle/Socket Type #2</b>	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)
<b>Center to Center Receptacle Spacing</b>	1U
<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>	75in / 1905mm Vertical Rackmount
<b>7938 Vertical Mounting Bracket Kit</b>	Yes
<b>Toolless Mounting Hardware - Center to Center Spacing</b>	61.25in and 64.75in
<b>Country of Origin</b>	USA, TAA Compliant and Buy American Act COTS Compliant
<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>	RoHS Compliant
<b>Certification/Agency Approvals</b>	FCC Part 15 Class A Conformance
<b>Certification/Agency Approvals</b>	UL & c-UL Listed 62368-1
<b>Chassis Dimensions (LxWxD)</b>	75in x 3.5in x 2in
<b>Shipped Weight</b>	19lbs (8.62kg)