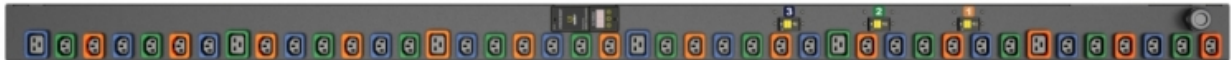


## I10146L

**Model Number:** MN01D5W1-42PZ68-4CS15A0A10-S-A  
**Category:** Metered  
**Sub Category:** Upgradeable  
**Power Configuration:** 35A, 208V DELTA, 10.0kW  
**Physical Configuration:** 75in / 1905mm, Vertical



**Description:** The I10146L provides real-time power metrics to help prevent overloads and safely optimize load levels. Using Visible Light Communication (VLC) technology, I10146L optically transmits power usage data from its LED display to a handheld device over the Geist Mobile App, presenting comprehensive real-time power usage data down to the phase and circuit levels. With the Geists Upgradeable hot-swap technology, users may easily transform Metered PDUs to Monitored by replacing the Interchangeable Monitoring Device (IMD) module, without causing any interruption.

**Product Summary:** I10146L - Metered, Upgradeable, 35A, 208V DELTA, 3 Phase, Vertical, (36) Locking IEC C13, (6) Locking IEC C19, Alternating Phase/Circuits, breakered, 10 ft power cord with 3P+E CA, Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Geist app. 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 Geist app.

**Plug Form:**



3P+E CA

**Receptacle:**



Locking IEC C13  
(Quantity: 36)



Locking IEC C19  
(Quantity: 6)

**Chassis Colors Options:**



**Geist Americas**

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1.877.449.4150  
geistglobal.com

**Geist Europe**

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

**Geist Americas**

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## Product Specification and Options:

Monitoring	Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Geist app.
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 (AB, BC, CA) Monitoring (kWh, W, VA, PF, V, A) Line (A,B,C) Monitoring (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
VLC Support	Yes
Quantity Of Inputs	1
Voltage	208V Delta
Current	35A x 3 Phase DELTA
VA per Input (Load Capacity)	10.0kW
Frequency	50/60Hz
Over Current Protection	(3) 20A Double Pole Magnetic Breakers
Switch	Breaker/Switch Combination
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	8/4
Power Cable Length	10ft
Power Entry Location	Bottom Front
Plug Type	California Style 50A, 250V, 3P/4W Twistlock
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 and Phase Combination	12
- U-Lock Color ID	3 Circuit = Orange, Green, Blue
- Style	Individual
- Voltage per Receptacle/Socket	208V
Receptacle/Socket Type #2	U-Lock IEC C19
- Quantity on Face	6
- Quantity per Breaker and Phase Combination	2
- U-Lock Color ID	3 Circuit = Orange, Green, Blue
- Style	Individual
- Voltage per Receptacle/Socket	208V

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Center to Center Receptacle Spacing	1U
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Maximum Operating Temperature	60C / 140F
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
Made in the USA	Yes
Product Warranty	5-year limited warranty if registered within 120 days of purchase, otherwise warranty defaults to 3 years
Certification/Agency Approvals	FCC Part 15 Class A Conformance
Certification/Agency Approvals	RoHS Compliant
Certification/Agency Approvals	UL & c-UL Listed 60950
Chassis Dimensions (LxWxD)	75in x 3.5in x 2in
Shipped Weight	19lbs (8.62kg)

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