

## I10089

**Model Number:** MN01D4W1-48C133-3PS56B0A10-S  
**Category:** Metered  
**Sub Category:** Upgradeable  
**Power Configuration:** 30A, 230/400V WYE, 16.6kW  
**Physical Configuration:** 76in / 1930mm, Vertical



**Description:** The I10089 provides real-time power metrics to help prevent overloads and safely optimize load levels. Using Visible Light Communication (VLC) technology, I10089 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:** I10089 - Metered, Upgradeable, 30A, 230/400V WYE, 3 Phase, Vertical, (48) IEC C13, breakered, 10 ft power cord with 3P+N+E (IP44), 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.

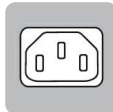
**Monitoring:** Input Phase and Circuit/Breaker current monitoring. Local high visibility LED display. Input and per Phase power monitoring available via VLC using the Geist app.

**Plug Form:**



3P+N+E (IP44)

**Receptacle:**



IEC C13  
(Quantity: 48)

**Chassis Colors Options:**



*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 (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
VLC Support	Yes
Quantity Of Inputs	1
Voltage	230/400V WYE
Current	30A x 3 Phase WYE
VA per Input (Load Capacity)	16.6kW
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
Power Entry Location	Bottom Front
Plug Type	IEC60309 3P + N + E, 30A, Splashproof IP44
Receptacle/Socket Type #1	IEC C13
- Quantity on Face	48
- Quantity per Breaker	8
- Quantity per Phase	16
- Style	Banks of 4
- Voltage per Receptacle/Socket	230V
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	76in / 1930mm 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

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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)	76in x 2in x 2.25in
Shipped Weight	19lbs (8.62kg)

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