

I20070L

Model Number:	MN02E9W1-48L138-6PS15B0A10-S
Category:	Monitored
Sub Category:	Unit Level EC
Power Configuration:	60A, 208V DELTA, 17.2kW
Physical Configuration:	72in / 1829mm, Vertical



Description:

The I20070L provides real-time power metrics to help prevent overloads and safely optimize load levels. The unit offers local and IP-based monitoring with quick access to real-time power metrics and environmental sensor data. Using Visible Light Communication (VLC) technology, I20070L 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 Geist Upgradeable hot-swap technology, users may easily upgrade PDUs to the latest available technology by replacing the Interchangeable Monitoring Device (IMD) module; all without causing any interruption.

Product Summary:

I20070L - Monitored, Unit Level EC, Upgradeable, 60A, 208V DELTA, 3 Phase, Vertical, (48) Locking IEC C13, breakered, 10 ft power cord with 3P+E (IP44), Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display. Black Powder Coat.

Monitoring:

Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.

Plug Form:



3P+E (IP44)

Receptacle:



Locking IEC C13
(Quantity: 48)

Chassis Colors Options:

Geist Americas

800.432.3219
geistglobal.com

Geist DCIM
1.877.449.4150
geistglobal.com

Geist Europe

+44 (0) 1823.275100
geistglobal.com

Geist Asia

China
+86.755.86639505
geistglobal.com



To discuss color options, contact your local sales representative.

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Product Specification and Options:

Monitoring	Input and per Phase power monitoring with Circuit/Breaker current monitoring. Environmental monitoring via optional remote sensors. Daisy chain Ethernet connectivity. Local high visibility LED display.
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	60A x 3 Phase DELTA
VA per Input (Load Capacity)	17.2kW
Frequency	50/60Hz
Over Current Protection	(6) 20A Double Pole Magnetic Breakers
Switch	Breaker/Switch Combination
Scrolling / Rotatable Digital Display	Yes
Power Cable Wire Gauge	4/4
Power Cable Length	10ft
Power Entry Location	Bottom Front
Plug Type	IEC60309 3P + E, 60A, Splashproof IP44
Receptacle/Socket Type #1	U-Lock IEC C13
- Quantity on Face	48
- Quantity per Breaker	8
- Quantity per Phase Combination	16
- U-Lock Color ID	6 Circuit = Orange, Green, Blue, Light Orange, Light Green, Light Blue
- Style	Individual
- Voltage per Receptacle/Socket	208V
Internal RMS Voltage Sensor	Yes
Internal RMS Current Sensor	Yes
Network Connection	Dual 10/100Mbps Ethernet
Network Protocols Supported and Data Access Formats	HTTP, HTTPS (TLS 1.2), SMTP, SMTPS (TLS 1.2), ICMP, DHCP, IPv4, IPv6, Syslog, SNMP v1/v2c/v3, JSON, JSON API, RSTP
IP Reset Button	Yes
Hard Reboot Button	Yes

Remote Sensor RJ Connection Jacks	1 (Supports up to 4 Sensors)
Maximum Operating Temperature	60C / 140F
Heavy Steel - Powder Coat Finish	Black
Configuration	72in / 1829mm 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)	72in x 3.75in x3.44in
Shipped Weight	32lbs (14.51kg)

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