



**Part Number**

I20035 -- MN02X4W1-42IZ68-3TL21A0A10-S  
Monitored, Upgradeable Unit Level

**Power Configuration**

30A, 120/208V WYE, 8.6kW

**Physical Configuration**

72 in / 1829 mm Vertical

**Description**

The I20035 -- MN02X4W1-42IZ68-3TL21A0A10-S upgradeable unit level power monitoring PDU delivers comprehensive view of power usage in a data center with an Interchangeable Monitoring Device (IMD). The modular design of the PDU allows the "hot-swappable" IMD to be upgraded as new technology is developed.

With its current IMD, the I20035 -- MN02X4W1-42IZ68-3TL21A0A10-S offers on-board and web power monitoring display options with quick access to the unit's current, volts, real power, apparent power, power factor and kilowatt hours. By monitoring these critical variables, data center managers can evaluate energy usage trends and ensure maximum uptime.

DCIM Enabled - The I20035 -- MN02X4W1-42IZ68-3TL21A0A10-S easily integrates with Geist DCIM software, which collects and reports critical power and environmental data for multiple PDUs in a single user interface. Users gain immediate remote access to trends, alarms and histories of devices in the data center through a standard Web browser. Geist DCIM saves both time and cost associated with managing each device individually. Contact your Geist rep for more details.

**Product Summary**

I20035 -- MN02X4W1-42IZ68-3TL21A0A10-S - Monitored, Upgradeable Unit Level, 30A, 120/208V WYE, 3 Phase, Vertical, (36) IEC C13,(6) IEC C19, breakered, 10 ft power cord with L21-30P, Input and per Phase power monitoring with Circuit/Breaker current monitoring. Daisy chain Ethernet connectivity. Local high visibility LED display.

**Monitoring**

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

**Plug Form**



**Receptacle**



# I20035 -- MN02X4W1-42IZ68-3TL21A0A10-S - Product Specification and Options

Monitoring	Input and per Phase power monitoring with Circuit/Breaker current monitoring. 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 (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	120/208V WYE
Current	30A x 3 Phase WYE
VA per Input (Load Capacity)	8.6kW
Frequency	50/60 Hz
Over Current Protection	(3) 20A Double 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	NEMA L21-30P Twistlock
Combined Total Receptacle/Socket Quantity	42
Receptacle/Socket Type #1	IEC C13
Quantity on Face #1	36
Quantity per Breaker and Phase Combination #1	12
Style #1	Banks of 6
Voltage per Receptacle/Socket #1	208V
Receptacle/Socket Type #2	IEC C19
Quantity on Face #2	6
Quantity per Breaker and Phase Combination #2	2
Style #2	Individual
Voltage per Receptacle/Socket #2	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
Continuous Operating Temperature Range	50% derated operation: 45-60C / 113-140F (See product manual or quick-start guide for full de-rated operating conditions)
Continuous Operating Temperature Range	Full nameplate operation: 10-45C / 50-113F
Heavy Steel - Powder Coat Finish	Black
Configuration	72in / 1832mm 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	Five Year
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 2in x 2in
Shipped Weight	17lbs (7.71kg)

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