

Model: EZ1430

30A, 1ph, 208V

Inline Energy Meter Data Sheet – EN2.0 Series

The EZ 1430 Inline Energy Meter allows users to upgrade existing basic PDUs or stand-alone equipment, such as storage racks and ancillary devices. Enlogic's Inline Energy Meters can be used to monitor power and environmental conditions for attached IT equipment. The EZ Series boasts billing-grade power and energy metering, and can connect up to 6 external sensors for complete threat detection and advanced alarm warnings. Inline Energy Meters eliminate the need for costly, time-consuming changes in a data center environment. Without losing critical uptime, or incurring costly engineering requirements, Inline Energy Meters save time, money, and reduce data center risk.



PDU Function

Metering Attributes	Voltage(V), Current(A), Apparent Power(kVA), Real Power(kW), Power Factor, Energy (kWh)
Metering Accuracy	± 1% to ISO/IEC 62052-21
Metering Locations	Input phase, circuit breaker, and outlet-level measurements
Remote Outlet Switching	No

Electrical Input

Acceptable input voltage	200-240 VAC
Input current (<i>phase</i>)	30A, (24A UL Derated)
Input frequency	50/60 Hz
Max Input power	8.64 kVA @ 208 VAC

Electrical Output

Output voltage	200-240 VAC
Maximum output current (<i>phase</i>)	30A, (24A UL Derated)

Physical

Chassis Dimensions (L x W x D) in	13.8 x 2.2 x 4.3
Input cord length, in	39.4

Environmental

Operating Temperature	-5 to 60°C (23 to 140°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Humidity (operating/storage)	5-90% RH / 5-95% RH; non-condensing
Max operating elevation, above MSL	3,000 m (9,840 ft)

Compliance

Safety & Environmental	UL Listed to UL60950-1, FCC Part 15B, RoHS Compliant
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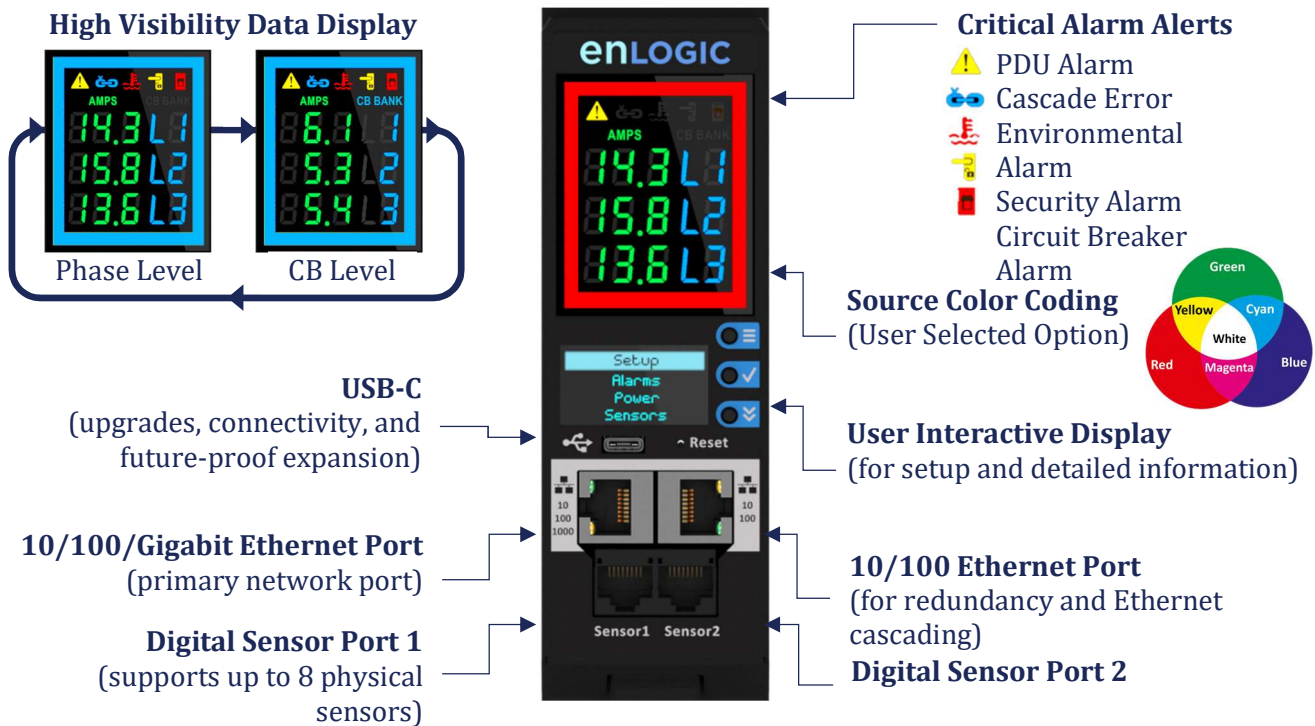
Advanced Network Management Module – EN2.0 Series

Network Connectivity

Network Connectivity	Dual ports: 1x Gigabit Ethernet (10/100/1000 Mbps) and 1x (10/100 Mbps) connection/IP address
Ethernet Cascading	Up to 64 units share a single “daisy-chain” Ethernet connection/IP address
DC Power Sharing	Each PDU can provide DC power sufficient to power network management electronics
Dual Ethernet Support	Dual Ethernet ports for redundant network communications
Dual Network Access	Dual network connectivity allows redundancy and/or multiple stakeholder connectivity
Remote Connectivity	HTTP(s), iPV4 and iPV6, Telnet, SSH, Virtual Serial, SNMP (v1, v2c, v3), JSON-RPC,
WebUI Interface	Data efficient REACT framework with native mobile device support

Management Module Attributes

Microprocessor/Memory	Cortex A-5
Field Replacement	Hot swap replaceable module; fast plug-and-play connectivity
Module Orientation	Tool-less removal and 180° install capable for top or bottom power cord orientation
User Display	Dual Displays: large high visibility LED display for key metering information and alarms. Low-power graphical oLED with user controls for local information.
Display Language	English, Spanish, German, French, Italian, Korean, Japanese, Chinese (simplified)
Lighted Color Code	User programmable color border allows power source identification by PDU
Sensor &	Supports up to 8 digital sensors for environmental sensors and/or electronic locks



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Environmental Sensors

EA9102	Single Temperature Probe
EA9103	Temperature and Humidity Combo Sensor
EA9105	3x Temperature and Humidity Combo Sensor
EA9106	Sensor Input Hub (3 sensors input to PDU)
EA9109	Magnetic Door Switch (open/close)
EA9110	Dry Contact Cable (for third party sensors)
EA9111	Spot Fluid Leak Sensor
EA9112	Rope Fluid Leak Sensor
EA9116	Smoke Alarm Sensor

Warranty and Terms

Warranty

CIS Global warranties Enlogic brand equipment provided shall be free from manufacturing defects for a period of five (5) years from the invoice date to the original purchaser. For full warranty details, please visit www.enlogic.com/warranty.



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About CIS

CIS Global has delivered superior product development, manufacturing, and logistics management since 1955 to small and large customers across the globe. We specialize in data center products including mechanical motion and power management solutions. As world market share leader in precision server rails and OEM market share leader in PDUs, CIS designed and built products are found in nearly every data center worldwide.

CIS has more than 20 years' experience manufacturing more than 2-million best-in-class PDUs. CIS acquired Enlogic in 2015 and remains dedicated to providing the industry's most innovative power management solutions build with the highest manufacturing quality.

Americas	Europe/Middle East	Australia & New Zealand	Asia		
USA	UK	Australia	Hong Kong	India	Taiwan
+1 (636) 821 5200	+44 (1905) 401700	+61 (39) 9997303	+852 (58) 016700	+91 (800) 4430029	+886 (801) 491390
AMERsales@cisww.com	EMEAsales@cisww.com	ANZsales@cisww.com	APACsales@cisww.com		