Model : EN1450

16/20A (16A derated), 200-240/346-415VAC, 3PH, WYE

Input Metered PDU Data Sheet - EN1 Series

The Advantage Series Input Metered PDU family offers energy metering with advanced power and environmental monitoring options. Comprehensive input phase monitoring offers advanced alerts of potential overloads. Billing- grade metering provides accurate power consumption data for energy use optimization. The hot-swappable network management controller features Gigabit and redundant ethernet communication with advanced support for external environmental sensors and rack security access solutions.

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 level measurements
Remote Outlet Switching	No

Electrical Input

Input Plug Type	Dual Rated IEC60309 516/520P6 (IP44)
Acceptable Input Voltage	200-240/346-415VAC, 3PH, WYE
Input Current (Phase)	16/20A (16A derated)
Input Frequency	50/60 HZ
Max Input Power	11.5/11.0 kVA

Electrical Output

Output Voltage	200-240VAC
Overload Protection (Internal)	(0),,No Circuit Breaker,"temp stable, hy-mag type"
Outlet Configuration	21(C13/C15),21(4-in-1 Combo)

Physical

Chassis Dimensions (L x W x D)	1490.0 × 56.0 × 55.0 mm (58.66 × 2.20 × 2.17 in)
Depth At Circuit Breaker	
Input Cord Length	1.8m (5.91')

Environmental

Operating / Storage Temperature	-5 to 60C (23 to 140F) / -20 to 60C (-4 to 140F)
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	IEC 62368 listed. RoHS, and REACH compliant. See drawing for additional information.

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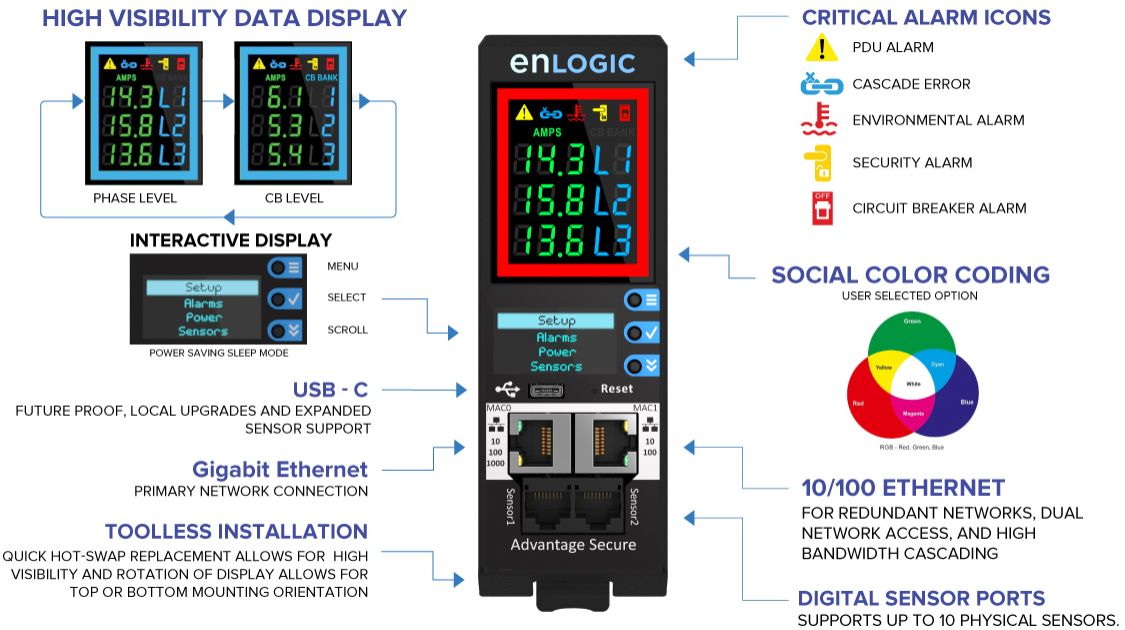
Advanced Network Management Module – Advantage Series

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 Ethernet ports for redundant network communications
Remote Connectivity	HTTP(s), iPV4 and iPV6, SSH, Virtual Serial, SNMP (v1, v2c, v3), JSON-RPC, LDAP(S)
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 180º 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 & Security support	Supports up to 10 digital sensor for environmental sensor and/or electronic locks



Model : EN1450

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

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 https://enlogic.com/warranty.

Disclaimer

About nVent

nVent is a leading global provider of electrical connection and protection solutions. We believe our inventive electrical solutions enable safer systems and ensure a more secure world. We design, manufacture, market, install and service high performance products and solutions that connect and protect some of the world's most sensitive equipment, buildings and critical processes. We offer a comprehensive range of enclosures, electrical connections and fastening and thermal management solutions across industry-leading brands that are recognized globally for quality, reliability and innovation. Our principal office is in London and our management office in the United States is in Minneapolis. Our robust portfolio of leading electrical product brands dates back more than 100 years and includes nVent CADDY, ERICO, HOFFMAN, RAYCHEM, SCHROFF and TRACER. Learn more at www.nvent.com.

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