

## Model: EN2316E

20A (16A derated), 100-240VAC, 1ph

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# Input Metered, Outlet Switched PDU Data Sheet – Advantage Series

The EN2316E Input Metered, Outlet Switched PDU combines energy metering, power and environmental monitoring with remote outlet on/off switching to monitor, protect, and manage the rack environment. Utility grade metering at the phase input and internal circuit breaker levels provides comprehensive overload monitoring. Outlet power-up sequencing protects against inrush current overload and allows users to define equipment boot-up order and timing. While remote on/off control allows authorized users to power-cycle remote equipment and implement rack-level power access controls to power on/off each outlet. Advanced network management features allow for remote access and integration with accessories including environmental monitoring and 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 and circuit breaker measurements
Remote Outlet Switching	Yes

### Electrical Input

Input Plug Type	NEMA L6-20P
Acceptable input voltage	100-240VAC, 1ph
Input current ( <i>phase</i> )	20A (16A derated)
Input frequency	50/60 Hz
Max Input power	3.33 kVA @ 208 VAC

### Electrical Output

Output voltage	208 V
Maximum output current ( <i>phase</i> )	20A, (16A UL Derated)
Overload protection ( <i>internal</i> )	No internal circuit breakers
Outlet configuration	(12)C13, (4)C19

### Physical

Chassis Dimensions (L x W x D) in	36.1 x 2.05 x 2.09
Depth at circuit breaker, in	NA
Input cord length	10'

### 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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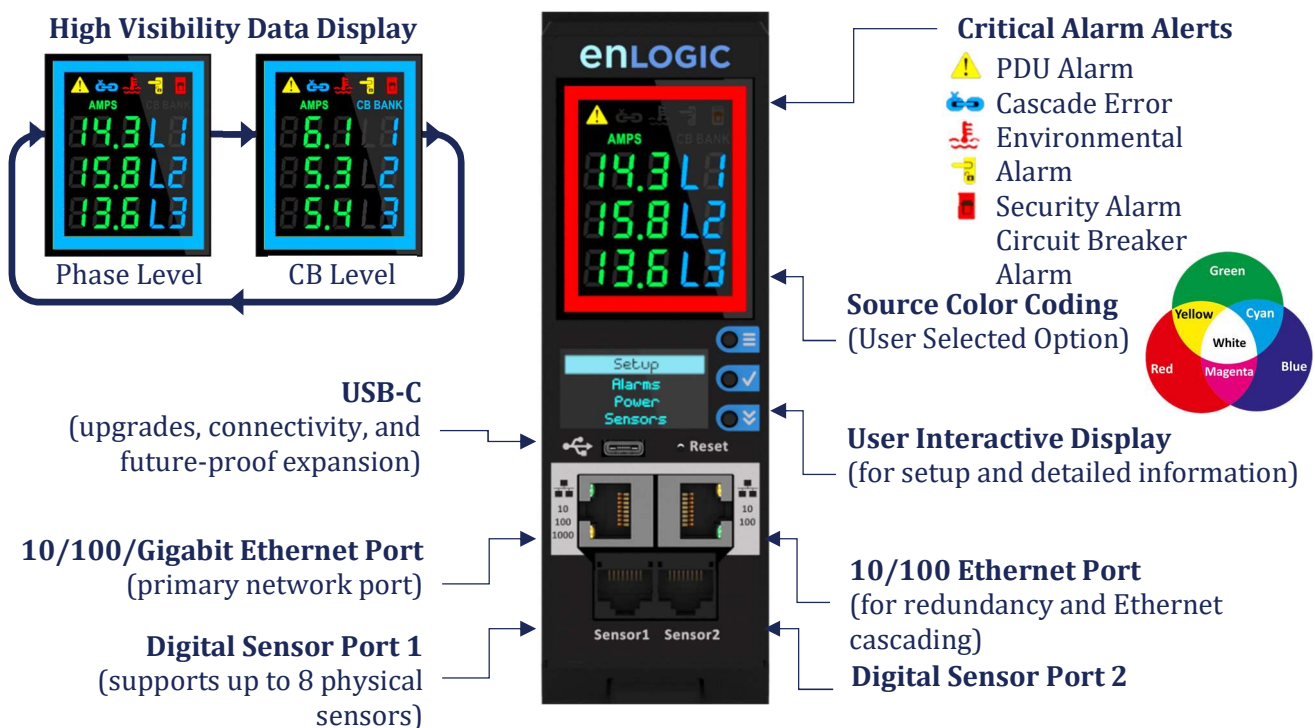
## Advanced Network Management Module – Advantage Series

### 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 and
Dual Ethernet	Dual Ethernet ports for redundant network communications
Dual Network	Dual network connectivity allows redundancy and/or multiple stakeholder connectivity for up
Remote	HTTP(s), IPV4 and IPV6,
WebUI Interface	Data efficient REACT framework with native mobile device support

### Management Module Attributes

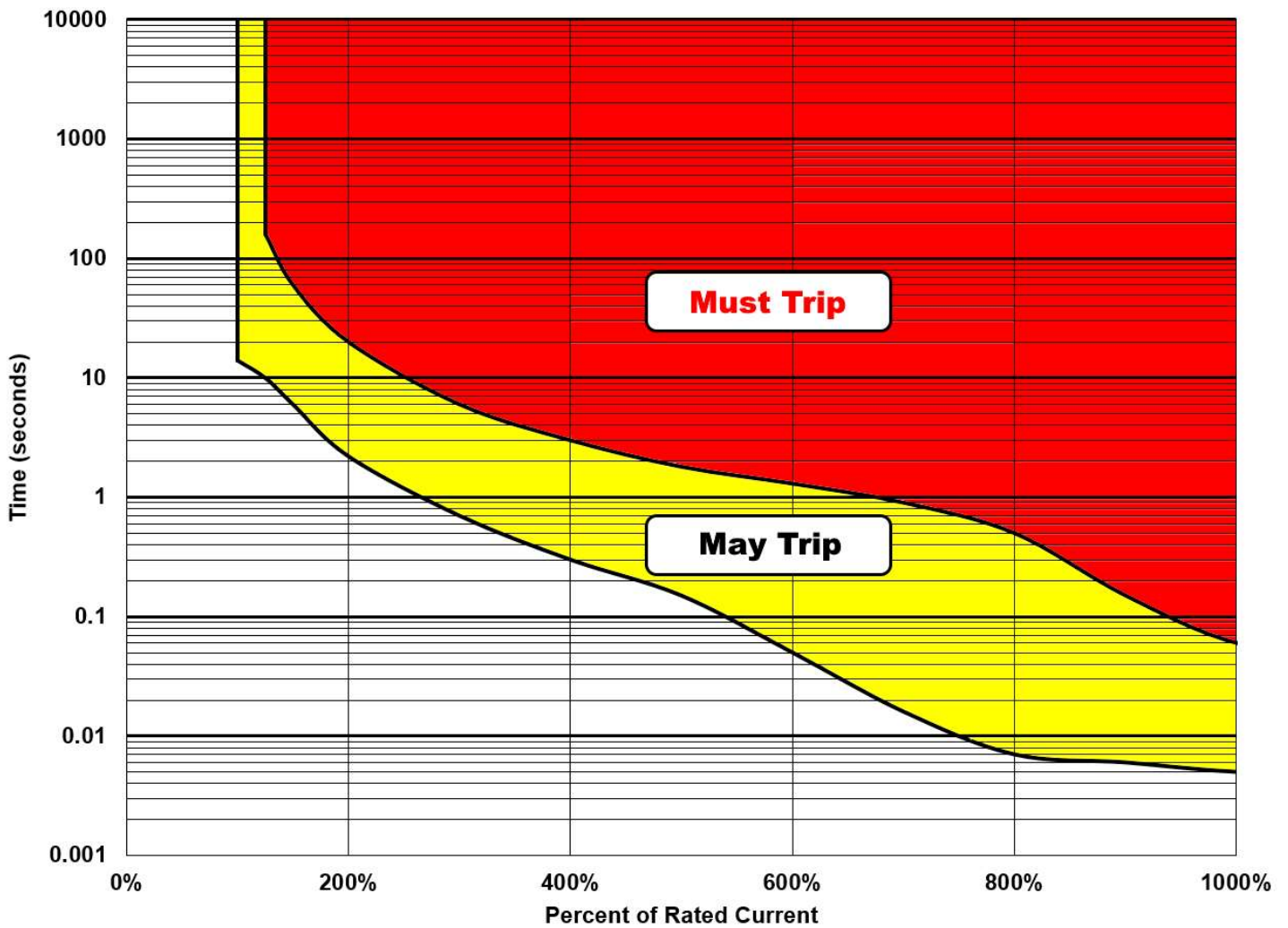
Microprocessor/M	Cortex A-5
Field Replacement	Hot swap replaceable module; fast plug-and-play connectivity
Module	Tool-less removal and 180° install capable for top or bottom power cord orientation
User Display	Dual Displays: large high visibility LED display for key metering information and alarms. 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



# Overcurrent Protection

## Circuit Breaker Configuration

Circuit Breaker Type	No internal circuit breakers (temperature stable)
Circuit Interrupt Rating	5,000 Amps (UL489)
Circuit Breaker Trip Curve	Sensata Trip Curve 62/Carling Trip Curve 24
Inrush Pulse Tolerance	10 times rated current (approx.)
Dielectric Strength	3,750 VAC, 60Hz, 60 seconds between all electrically isolated terminals
Vibration	Shall not trip when vibrated to MIL-STD-202, Method 204, Condition A, 100% load
Temperature Rating	-40 to 85°C (-40 to 185°F) Ambient
Handle Off Guard	Yes, protects against accidental user actuation to OFF position



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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](http://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	