Input Metered PDU Data Sheet – ES2.0 Value Series

The ES1337 Input Metered PDU includes energy metering with power and environmental monitoring options. Metering at the phase input and internal circuit breaker levels allow comprehensive overload monitoring and advanced alerts, while billing-grade watt-hour metering provides accurate power consumption data for energy use optimization and change management. Advanced network management features allow for a variety of remote access methods and integration with accessories including environmental monitoring and security access solutions.

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 Input Plug Type IEC 60309 332P6 Acceptable input voltage 200-240VAC, 1ph Input current (phase) 32A Input frequency 50/60 Hz Max Input power 7.68 kVA @ 240 VAC Electrical Output Output voltage 230 V Maximum output current (phase) Overload protection (internal) (2) 1-pole, 16A hydraulic-magnetic circuit breakers Outlet configuration (36)C13, (6)C19 Physical Chassis Dimensions (L x W x D) in 68.9 x 2.05 x 2.09 Depth at circuit breaker, in 10'			
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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 CE, Demko Certified to IEC/EN60950-1, RoHS, REACH			





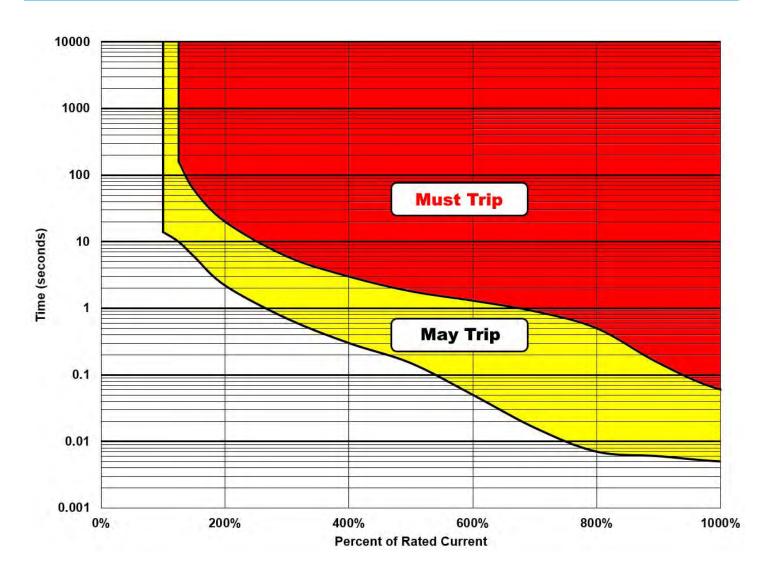
Advanced Network Management Module – EN2.0 Series

Network Connectivity		
Network Connectivity	Gigabit Ethernet (10/100/1000 Mbps)	
Daisy Chain Cascading	Up to 4 units share a single "daisy-chain" Ethernet connection/IP address	
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, SSH, SNMP (v1, v2c, v3), LDAP(S)	
WebUI Interface	Data efficient REACT framework with native mobile device support	
Management Module Attributes		
Field Replacement	Hot swap replaceable module; fast plug-and-play connectivity	
Module Orientation	Electronically rotatable display and 180° mechanical rotation option	
User Display	Low-power graphical oLED with user controls for localized information	
Security & Sensors	Supports up to 8 digital sensors for environmental sensors and/or electronic locks	



Overcurrent Protection

Circuit Breaker Configuration		
Circuit Breaker Type	(2) 1-pole, 16A hydraulic-magnetic 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	







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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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.