

ES Range Product Data Sheet: ES1501

ES Overview

The ES1000 Network Metered Intelligent PDU provides essential power and environmental monitoring for advanced warning of power overloads before they reach critical status. Comprehensive energy data logging allows remote, anytime access to key information for PUE metrics, load balancing, and optimization studies. Enlogic's slim profile design allows perfect fit in the rack with full access to IT equipment, while color-coded, locking IEC outlets provide security against accidental disconnection. Full Network Management, including embedded web HTTP, SNMP, and serial Telnet connections permit easy access and management using web browser, Enlogic management software, or an existing infrastructure management software.

ES Series Features

Premium Hydraulic Magnetic Circuit Breakers

Stable at Extreme Hot-Aisle temperatures (60°C/140°F)

Overcurrent protection.

The Rack PDU has two (2) 16 A, 1-pole hydraulic-magnetic circuit breakers

Low Profile Design

Physical access to installed IT Assets is maximised by the low profile chassis and breakers.

Toolless mounting.

The Rack PDU has two mounting pegs for 0U mounting in a rack or enclosure.

Colour Coded & Locking IEC Receptacles

IEC Outlets are colour coded by branch and provide a secure locking mechanism for both the PDU and Server, when used in conjunction with Enlogic EP8000 Dual locking cables.

Sensor Ports.

Connection ports for external environmental sensors such as temperature, humidity, and dry contact.

Serial+ Rs485-1 Port

Allows for serial communication.

LED Display

Provides user with local power and energy readings of the PDU and its individual branches.

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Metered Rack PDU, 1-ph, 16A, (16)C13 & (1)C19

Outlet Configuration

IEC C13	16
IEC C19	1
Total Receptacles	17

Electrical

Acceptable input voltage	220-240 VAC +6%, -10%
Input current (phase)	16A
Input frequency	50Hz
Input power	3.84 kVA
Input plug	IEC309 316P6
Input phases	1-phase
Output voltage	220-240 VAC
Maximum output current (phase)	16A
Maximum output current (circuit breaker bank)	
Circuit Breaker Type	
Circuit Breaker Count	0

Physical

Form Factor (U)	0
Dimensions (H x W x D)	720 x 55 x 44 (mm)
Weight	9kg
Shipping dimensions (H x W x D)	
Shipping Weight	10kg
Power cord length	3.0m

Environmental

Maximum elevation, above MSL (Operating/Storage)	0-3,000 m
Temperature (Operating/Storage)	-5 to 60°C
Humidity (Operating/Storage)	5-95% RH, non-condensing

Compliance

EMC verification	EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3
Safety verification	EMC, CE, EN/IEC 60950-1
Environmental Verification	ROHS, WEEE