

EN1000 Product Data Sheet: EN1602

EN1000 Horizontal Overview

Enlogic's EN1000 Series - PDU Metered Rack PDUs include energy metering, power and environmental monitoring. +/-1% watt-hour metering provides accurate energy metering data for precision calculation of, PUE & efficiency metrics, project justification, and capacity management.

EN Horizontal Series Features

Premium Hydraulic Magnetic Circuit Breakers

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

Rack Mounting

Standard mounting brackets are included with all horizontal EN Series PDUs, to enable easy installation into the U space.

Outlets

These EN Series PDUs have between eight (8) and twenty (20) outlets. Refer to the Output Configurations section on page 2 for the number of outlets and outlet types for each model.

OLED.

Allows for user to view settings and monitor measurements of the PDU.

Hot Swappable Network Management Card.

Enlogic has engineered a truly hot swappable Network Management Card (NMC) in all EN Series PDUs and EZ Inline Energy Meters. This allows for NMC replacement, without powering down the PDU.

Full featured network management and alerting capabilities supporting HTTP, HTTPS, SSH, Telnet, SNMP, FTP and email.

Strong encryption, passwords, and advanced authorization options .

Ethernet connection port.

Allows for IP network communication.

Rs485-2 Port.

Outbound communications port for connecting additional PDU to an Rs-485 daisy chain group.

Sensor Ports.

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

USB Port.

Allows for data transfer using a USB flash drive

Serial+ Rs485-1 Port

Allows for serial communication.

EN1000 Horizontal Standard Range Features

PDU Metering

High accuracy (+/-1%) watt-hour metering provides accurate energy metering data for precision calculation of, PUE & efficiency metrics, project justification, and capacity management. Continuous real-time monitoring of every input power phase and each circuit breaker within the rack PDU itself provides advance alarms to warn of potential power issues before they occur and permit users to better balance loads between input phases and circuit breakers to improve both reliability and power efficiency.

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EN1602:

Metered Horizontal Rack PDU, 2U, 1-ph, 32A, (12)C13, (4)C19

Outlet Configuration

IEC C13	12
IEC C19	4
Total Receptacles	16

Electrical

Acceptable input voltage	
Input current (phase)	32A
Input frequency	Hz
Input power	kVA
Input plug	
Input phases	1-phase
Output voltage	
Maximum output current (phase)	A
Maximum output current (circuit breaker bank)	
Circuit Breaker Type	1-pole hydraulic-magnetic
Circuit Breaker Count	2

Physical

Form Factor (U)	2
Dimensions (H x W x D)	
Weight	9.5kg
Shipping dimensions (H x W x D)	2045x168x120(mm)
Shipping Weight	10.5kg
Power cord length	

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	
Environmental Verification	ROHS, WEEE

