EN2000 Product Data Sheet: EN2602

EN2000 Horizontal Overview

Enlogic's EN2000 Series - PDU Metered, Outlet Switched Rack PDUs combine energy metering, power and environmental monitoring with remote outlet on/off switching to protect and manage your rack environment. 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 by turning off unused outlets.

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.

EN2000 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.

Outlet Switching

Outlet Switched Rack PDUs combine complete energy & power metering, environmental & access monitoring, and remote outlet on/off switching to protect and manage your rack environment. 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 by turning off unused outlets.

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EN2602:

Metered, Outlet Switched 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	220-240 VAC +6%, -10%
Input current (phase)	32A
Input frequency	50Hz
Input power	7.68 kVA
Input plug	IEC309 332P6
Input phases	1-phase
Output voltage	220-240VAC
Maximum output current (phase)	32A
Maximum output current (circuit breaker bank)	16
Circuit Breaker Type	1-pole hydraulic-magnetic
Circuit Breaker Count	2
Physical	
Form Factor (U)	2
Dimensions (H x W x D)	446 x 304 x 88 mm
Weight	5kg
Shipping dimensions (H x W x D)	585x460x230(mm)
Shipping Weight	6kg
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, TUV, EN/IEC 60950-1
Environmental Verification	ROHS, WEEE

* Product Characteristics subject to change without prior notice