

EN2000 Product Data Sheet: EN2110

EN2000 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/EZ Series Features

PDU Energy Metering & Monitoring

- PDU level watt -hour energy metering (kWh)
- PDU level power measurements (W)
- Input Phase level power measurements (V, A, VA, kWh, PF)
- Circuit breaker level current measurements
- High-accuracy, billing-grade metering capabilities
- Embedded memory log to record/view/report historical data
- User customizable alarm thresholds & notifications

Environmental & Security Management

- Optional Plug & Play environmental sensors including temperature, humidity, dry contact, smoke and water leak
- Rack access monitoring with door contact switch
- Rack access control with HID technology
- User customizable alarm thresholds and notifications

Network Management & Local Display Interface

- Full featured network management and alerting capabilities supporting HTTP, HTTPS, SSH, Telnet, SNMP, FTP and email
- Strong encryption, passwords, and advanced authorization options including local permissions, LDAP/S, and RADIUS
- Hot swappable network management card for industry best MTTR
- Daisy Chain up to 4 Rack PDU's and 24 environmental sensors through a single IP address
- Dual Network Access (DNA) in 2N configuration for tenant/client applications or network redundancy
- Largest-in-class, high-visibility, OLED display

EN2000 Standard Range Features

Design Features

- Low profile, space saving design
- Ultra low profile circuit breakers (on most models)
- Adjustable tool-less mounting system
- Color-coded & Locking IEC receptacles. Compatible with locking power cord range
- Field rewirable input cord for front or top mounting
- Units with UK, German or French convenience outlets

Outlet Level Switching

- Remote On/Off power control by individual outlet
- User-defined power-on time delay to sequence IT equipment
- Automatic sequencing to avoid inrush current overload
- Outlet level user security with assignable roles and user access

Unit Level Energy Metering

- Aggregate watt -hour energy metering (kWh)
- Aggregate power measurements (V,A,VA, W, PF)
- Aggregate information for Green Grid Level 3 PUE Calculations

Circuit Breaker Status Monitoring

- Active monitoring and alarming of circuit breaker on/off status

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EN2110:

Metered, Outlet Switched Rack PDU, 3-ph, 16A, (18)C13 & (6)C19

Outlet Configuration

IEC C13	18
IEC C19	6
Total Receptacles	24

Electrical

Acceptable input voltage	380-415 VAC +6%, -10%
Input current (phase)	16A
Input frequency	50Hz
Input power	11.52 kVA
Input plug	IEC309 516P6
Input phases	3-phase, Wye
Output voltage	220-240 VAC
Maximum output current (phase)	16A
Maximum output current (circuit breaker bank)	16
Circuit Breaker Type	N/A
Circuit Breaker Count	0

Physical

Form Factor (U)	0
Dimensions (H x W x D)	1730 x 55 x 50 (mm)
Weight	9.5kg
Shipping dimensions (H x W x D)	2045x168x120(mm)
Shipping Weight	10.5kg
Power cord length	3.0m

Environmental

Maximum elevation, above MSL (Operating/Storage)	0-3,000 m
Temperature (Operating/Storage)	-5 to 55°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