

EN2000 Product Data Sheet: EN2113

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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EN2113:

Metered, Outlet Switched Rack PDU, 1-ph, 32A, (20)C13, (4)C19

Outlet Configuration

| | |
|-------------------|----|
| IEC C13 | 20 |
| IEC C19 | 4 |
| Total Receptacles | 24 |

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 | 220-240 VAC |
| 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) | 0 |
| Dimensions (H x W x D) | 1826 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