

## ENLOGIC INPUT METERED PDU EN1 SERIES



The Advantage Series Input Metered PDU family offers energy metering with advanced power and environmental monitoring options. Comprehensive monitoring at both the input phase and circuit breaker levels offers advanced alerts of potential overloads. Billing-grade metering provides accurate power consumption data for energy use optimization. The hot-swappable network management controller features Gigabit and redundant ethernet communication with advanced support for external environmental sensors and rack security access solutions.

### FEATURES

Black Powder Coated Chassis

IEC 62368 listed. RoHS, and REACH compliant. See drawing for additional information.

UL 2900-1 certified for safety software cybersecurity for network-connectable products.

Dual network connectivity ports: 1x Gigabit Ethernet (10/100/1000 Mbps) and 1x (10/100 Mbps) connection/IP address

Ethernet cascading up to 64 PDUs

Each PDU can provide DC power sufficient to power network management electronics

Dual Ethernet ports for redundant network communications

Remote connectivity through HTTP(s), IPv4 and IPv6, SSH, Virtual Serial, SNMP (v1, v2c, v3), JSON-RPC, LDAP(S)

Data efficient REACT framework with native mobile device support

Tool-less hot swappable Network Management Card (NMC) with Cortex A-5 for microprocessing and memory that can be installed both upright and upside down for top or bottom power inputs

The border color of the NMC display is user programmable for power source identification by PDU

The NMC supports up to 10 digital sensors for environmental and/or electronic lock monitoring

Display languages include English, Spanish, German, French, Italian, Korean, Japanese, and Chinese (simplified)

### SPECIFICATIONS

Table 1/5

| Catalog Number | Product Type | Product Family | Switched Outlets | Type            | Width | Package Quantity |
|----------------|--------------|----------------|------------------|-----------------|-------|------------------|
| EN1311         | Socket Strip | Enlogic        | No               | Intelligent PDU | 444mm | 1                |
| EN19HC         | Socket Strip | Enlogic        | No               | Intelligent PDU | 59mm  | 1                |
| EN19HD         | Socket Strip | Enlogic        | No               | Intelligent PDU | 59mm  | 1                |

Table 2/5

| Catalog Number | Socket Type                           | Socket Quantity | Color | Height | Material | Finish        |
|----------------|---------------------------------------|-----------------|-------|--------|----------|---------------|
| EN1311         | (12) C13                              | 12              | Black | 43mm   | Steel    | Powder Coated |
| EN19HC         | (18) C13/C15,<br>(18) C13/C15/C19/C21 | 36              | Black | 1750mm | Steel    | Powder Coated |
| EN19HD         | (18) C13/C15,<br>(18) C13/C15/C19/C21 | 36              | Black | 1750mm | Steel    | Powder Coated |

Table 3/5

| Catalog Number | Depth | Nominal Voltage | Cable Length | Rack Units | Circuit Breaker Quantity | Current Rating |
|----------------|-------|-----------------|--------------|------------|--------------------------|----------------|
| EN1311         | 269mm | 230V            | 3000m        | 1U         | 0                        | 3.7kV·A        |
| EN19HC         | 75mm  | 415V            | 1800m        | 0U         | 12                       | 55.2kV·A       |
| EN19HD         | 87mm  | 415V            | 1800m        | 0U         | 18                       | 69kV·A         |

Table 4/5

| Catalog Number | On/Off Switch Included | Number of Output Voltages | Circuit Breaker       | Metering Type | Nominal Power Output | Removable Input Cable |
|----------------|------------------------|---------------------------|-----------------------|---------------|----------------------|-----------------------|
| EN1311         | No                     | 12                        | No Circuit BreakerA   | Input         | 230VAC               | Yes                   |
| EN19HC         | No                     | 36                        | 20 A, 1-pole, Hy-MagA | Input         | 230VAC               | No                    |
| EN19HD         | No                     | 36                        | 20 A, 1-pole, Hy-MagA | Input         | 230VAC               | No                    |

Table 5/5

| Catalog Number | Plug Type                | Input Cable Length | Output Voltage |
|----------------|--------------------------|--------------------|----------------|
| EN1311         | IEC 60309 316P6 (IP44)   | 3m                 | 230VAC         |
| EN19HC         | IEC 60309 5125P6W (IP67) | 1.8m               | 208 – 230VAC   |
| EN19HD         | IEC 60309 5125P6W (IP67) | 1.8m               | 208 – 230VAC   |

## ADDITIONAL PRODUCT DETAILS

Warranty : nVent Enlogic branded equipment provided shall be free from manufacturing defects for a period of five (5) years from the invoice date to the original purchaser.

## WARNING

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nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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