

# Enlogic iPDU, Outlet Switched & Metered EN6 Series

## Data Solutions



The Advantage Series Outlet Metered, Outlet Switched PDU family offers energy metering with advanced power and environmental monitoring options and remote outlet on/off switching. Comprehensive monitoring at the input phase, circuit breaker, and individual outlet 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

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 Family | Type | Product Type | Socket Type | Socket Quantity | Color |
|----------------|----------------|------|--------------|-------------|-----------------|-------|
|----------------|----------------|------|--------------|-------------|-----------------|-------|

|        |         |                 |              |                                                    |    |       |
|--------|---------|-----------------|--------------|----------------------------------------------------|----|-------|
| EN6883 | Enlogic | Intelligent PDU | Socket Strip | (18) Locking C13/C15, (18) Locking C13/C15/C19/C21 | 36 | Black |
| EN6908 | Enlogic | Intelligent PDU | Socket Strip | (24) C13, (12) C19                                 | 36 | Black |
| EN6959 | Enlogic | Intelligent PDU | Socket Strip | (18) C13/C15, (18) C13/C15/C19/C21                 | 36 | Black |
| EN6990 | Enlogic | Intelligent PDU | Socket Strip | (24) Locking C13/C15, (24) Locking C13/C15/C19/C21 | 48 | Black |
| EN6833 | Enlogic | Intelligent PDU | Socket Strip | (24) C13, (12) C19                                 | 36 | Black |
| EN69HA | Enlogic | Intelligent PDU | Socket Strip | (24) Locking C13/C15, (24) Locking C13/C15/C19/C21 | 48 | Black |
| EN69HB | Enlogic | Intelligent PDU | Socket Strip | (18) C13/C15, (18) C13/C15/C19/C21                 | 36 | Black |

Table 2/5

| Catalog Number | Switched Outlets | Power Rating                                   | Cable Length | Circuit Breaker       | Circuit Breaker Quantity | Nominal Voltage |
|----------------|------------------|------------------------------------------------|--------------|-----------------------|--------------------------|-----------------|
| EN6883         | Yes              | 17.3 kVA North America, 22.1 kVA International | 3000mm       | 20 A, 1-pole, Hy-MagA | 6                        | 415V            |
| EN6908         | Yes              | 34.6 kVA North America, 43.5 kVA International | 3000mm       | 20 A, 1-pole, Hy-MagA | 12                       | 415V            |
| EN6959         | Yes              | 34.6 kVA North America, 43.5 kVA International | 1800mm       | 20 A, 1-pole, Hy-MagA | 12                       | 415V            |
| EN6990         | Yes              | 57.6 kVA North America, 69 kVA International   | 1800mm       | 20 A, 1-pole, Hy-MagA | 16                       | 415V            |

| CatalogNumber | Switched Outlets | Power Rating                                   | Cable Length | Circuit Breaker       | Circuit Breaker Quantity | Nominal Voltage |
|---------------|------------------|------------------------------------------------|--------------|-----------------------|--------------------------|-----------------|
| EN6833        | Yes              | 17.3 kVA North America, 22.1 kVA International | 3000mm       | 20 A, 1-pole, Hy-MagA | 6                        | 415V            |
| EN69HA        | Yes              | 57.6 kVA North America, 69 kVA International   | 1800mm       | 20 A, 1-pole, Hy-MagA | 16                       | 415V            |
| EN69HB        | Yes              | 57.6 kVA North America, 55.2 kVA International | 1800mm       | 20 A, 1-pole, Hy-MagA | 12                       | 415V            |

Table 3/5

| Catalog Number | Nominal Power Output | Number of Output Voltages | Amperage (Derated Amperage)                     | Rack Units | On/Off Switch Included | Output Voltage |
|----------------|----------------------|---------------------------|-------------------------------------------------|------------|------------------------|----------------|
| EN6883         | 230VAC               | 36                        | 30 A (24 A) North America, 32 A International   | 0U         | Yes                    | 208 – 230VAC   |
| EN6908         | 230VAC               | 36                        | 60 A (48 A) North America, 63 A International   | 0U         | Yes                    | 208 – 230VAC   |
| EN6959         | 230VAC               | 36                        | 60 A (48 A) North America, 63 A International   | 0U         | Yes                    | 208 – 230VAC   |
| EN6990         | 230VAC               |                           | 100 A (80 A) North America, 100 A International | 0U         | Yes                    | 208 – 230VAC   |
| EN6833         | 230VAC               | 36                        | 30 A (24 A) North America, 32 A International   | 0U         | Yes                    | 208 – 230VAC   |
| EN69HA         | 230VAC               |                           | 100 A (80 A) North America, 100 A International | 5U         | Yes                    | 208 – 230VAC   |
| EN69HB         | 230VAC               | 36                        | 100 A (80 A) North America, 80 A International  | 3U         | Yes                    | 208 – 230VAC   |

Table 4/5

| Catalog Number | Metering Type | Plug Type                            | Removable Input Cable | Material | Finish        | Height |
|----------------|---------------|--------------------------------------|-----------------------|----------|---------------|--------|
| EN6883         | Outlet        | Dual Rated IEC60309 530/532P6 (IP44) | No                    | Steel    | Powder Coated | 1720mm |
| EN6908         | Outlet        | Dual Rated IEC 60309 560P6/563P6     | No                    | Steel    | Powder Coated | 1780mm |
| EN6959         | Outlet        | IEC 60309 560P6/563P6                | No                    | Steel    | Powder Coated | 1720mm |
| EN6990         | Outlet        | IEC 60309 5125P6W (IP67)             | No                    | Steel    | Powder Coated | 2030mm |
| EN6833         | Outlet        | IEC 60309 530P6/532P6                | No                    | Steel    | Powder Coated | 1679mm |
| EN69HA         | Outlet        | IEC 60309 5125P6W (IP67)             | No                    | Steel    | Powder Coated | 222mm  |
| EN69HB         | Outlet        | IEC 60309 5125P6W (IP67)             | No                    | Steel    | Powder Coated | 132mm  |

Table 5/5

| Catalog Number | Width | Depth | Weight  | Package Quantity | Input Cable Length |
|----------------|-------|-------|---------|------------------|--------------------|
| EN6883         | 56mm  | 75mm  |         | 1                | 3m                 |
| EN6908         | 56mm  | 75mm  | 14kg    | 1                | 3m                 |
| EN6959         | 56mm  | 75mm  |         | 1                | 1.8m               |
| EN6990         | 85mm  | 85mm  | 25.3kg  | 1                | 1.8m               |
| EN6833         | 56mm  | 75mm  | 12.23kg | 1                | 3m                 |
| EN69HA         | 444mm | 269mm | 22.2kg  | 1                | 1.8m               |
| EN69HB         | 444mm | 269mm |         | 1                | 1.8m               |

## ADDITIONAL PRODUCT DETAILS

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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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