

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
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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

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

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 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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