ENLOGIC IPDU, OUTLET SWITCHED & METERED EN6 SERIES

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 netowrk management electronics

Dual Ethernet ports for redundant network connunications

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
EN6833	Socket Strip	Enlogic	Yes	Intelligent PDU	56mm	1
EN6883	Socket Strip	Enlogic	Yes	Intelligent PDU	56mm	1
EN6908	Socket Strip	Enlogic	Yes	Intelligent PDU	56mm	1

Catalog Number	ProductType	Product Family	Switched Outlets	Type	Width	Package Quantity
EN6959	Socket Strip	Enlogic	Yes	Intelligent PDU	56mm	1
EN6990	Socket Strip	Enlogic	Yes	Intelligent PDU	85mm	1
EN69HA	Socket Strip	Enlogic	Yes	Intelligent PDU	444mm	1
EN69HB	Socket Strip	Enlogic	Yes	Intelligent PDU	444mm	1

Table 2/5

Catalog Number	Socket Type	Socket Quantity	Color	Height	Material	Finish
EN6833	(24) C13, (12) C19	36	Black	1679mm	Steel	Powder Coated
EN6883	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21	36	Black	1720mm	Steel	Powder Coated
EN6908	(24) C13, (12) C19	36	Black	1780mm	Steel	Powder Coated
EN6959	(18) C13/C15, (18) C13/C15/C19/C21	36	Black	1720mm	Steel	Powder Coated
EN6990	(24) Locking C13/C15, (24) Locking C13/C15/C19/C21	48	Black	2030mm	Steel	Powder Coated
EN69HA	(24) Locking C13/C15, (24) Locking C13/C15/C19/C21	48	Black	222mm	Steel	Powder Coated
EN69HB	(18) C13/C15, (18) C13/C15/C19/C21	36	Black	132mm	Steel	Powder Coated

Table 3/5

Catalog Number	Depth	Nominal Voltage	Cable Length	Rack Units	Circuit Breaker Quantity	Current Rating
EN6833	75mm	415V	3000m	0U	6	22.1kV·A
EN6883	75mm	415V	3000m	0U	6	22.1kV·A
EN6908	75mm	415V	3000m	0U	12	43.5kV·A

Catalog Number	Depth	Nominal Voltage	CableLength	Rack Units	Circuit Breaker Quantity	Current Rating
EN6959	75mm	415V	1800m	0U	12	43.5kV·A
EN6990	85mm	415V	1800m	0U	16	69kV·A
EN69HA	269mm	415V	1800m	5U	16	69kV·A
EN69HB	269mm	415V	1800m	3U	12	55.2kV·A

Table 4/5						
Catalog Number	On/Off Switch Included	Number of Output Voltages	Circuit Breaker	Metering Type	Nominal Power Output	Removable Input Cable
EN6833	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	230VAC	No
EN6883	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	230VAC	No
EN6908	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	230VAC	No
EN6959	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	230VAC	No
EN6990	Yes		20 A, 1-pole, Hy-MagA	Outlet	230VAC	No
EN69HA	Yes		20 A, 1-pole, Hy-MagA	Outlet	230VAC	No
EN69HB	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	230VAC	No

Table 5/5				
Catalog Number	Weight	Plug Type	Input Cable Length	Output Voltage
EN6833	12.23kg	IEC 60309 530P6/532P6	3m	208 – 230VAC
EN6883		Dual Rated IEC60309 530/532P6 (IP44)	3m	208 – 230VAC
EN6908	14kg	Dual Rated IEC 60309 560P6/563P6	3m	208 – 230VAC
EN6959		IEC 60309 560P6/563P6	1.8m	208 – 230VAC
EN6990	25.3kg	IEC 60309 5125P6W (IP67)	1.8m	208 – 230VAC
EN69HA	22.2kg	IEC 60309 5125P6W (IP67)	1.8m	208 – 230VAC

Catalog Number	Weight	Plug Type	Input CableLength	Output Voltage
EN69HB		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

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.