

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 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	Package Quantity	Socket Type
EN6324	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(20) C13, (4) C19
EN6333	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(30) C13, (6) C19

Catalog Number	ProductType	Product Family	Switched Outlets	Type	Package Quantity	Socket Type
EN6351	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(20) C13/C15, (20) C13/C15/C19/C21
EN6381	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(16) Locking C13/C15, (16) Locking C13/C15/C19/C21
EN6804	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(30) C13, (6) C19
EN6804-S	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(30) C13, (6) C19
EN6829	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) C13, (12) C19
EN6829-S	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) C13, (12) C19
EN6833	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) C13, (12) C19
EN6851	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) C13/C15, (24) C13/C15/C19/C21
EN6851-S	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) C13/C15, (24) C13/C15/C19/C21
EN6881	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(21) Locking C13/C15, (21) Locking C13/C15/C19/C21
EN6883	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21
EN6902	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(12) C13, (12) C19
EN6908	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) C13, (12) C19
EN6909	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) C13, (12) C19

Catalog Number	ProductType	Product Family	Switched Outlets	Type	Package Quantity	Socket Type
EN6951	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(21) C13/C15, (21) C13/C15/C19/C21
EN6952	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(21) C13/C15, (21) C13/C15/C19/C21
EN6955	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(27) C13/C15, (27) C13/C15/C19/C21
EN6959	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(18) C13/C15, (18) C13/C15/C19/C21
EN6961	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(15) C13/C15, (15) C13/C15/C19/C21
EN6981	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21
EN6982	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21
EN6990	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) Locking C13/C15, (24) Locking C13/C15/C19/C21
EN6341	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(9) C13/C15, (9) C13/C15/C19/C21
EN69HA	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(24) Locking C13/C15, (24) Locking C13/C15/C19/C21

Catalog Number	ProductType	Product Family	Switched Outlets	Type	Package Quantity	Socket Type
EN69HB	Socket Strip	Enlogic	Yes	Intelligent PDU	1	(18) C13/C15, (18) C13/C15/C19/C 21

Table 2/5						
Catalog Number	Socket Quantity	Color	Height	Material	Finish	Width
EN6324	24	Black	68.9in	Steel	Powder Coated	2.04in
EN6333	36	Black	68.9in	Steel	Powder Coated	2.04in
EN6351	40	Black	58.66in	Steel	Powder Coated	2.2in
EN6381	32	Black	58.66in	Steel	Powder Coated	2.2in
EN6804	36	Black	68.9in	Steel	Powder Coated	2.04in
EN6804-S	36	Black	68.9in	Steel	Powder Coated	2.04in
EN6829	36	Black	66.1in	Steel	Powder Coated	2.28in
EN6829-S	36	Black	66.1in	Steel	Powder Coated	2.28in
EN6833	36	Black	66.1in	Steel	Powder Coated	2.2in
EN6851	48	Black	70.08in	Steel	Powder Coated	2.2in
EN6851-S	48	Black	70.08in	Steel	Powder Coated	2.2in
EN6881	42	Black	70.08in	Steel	Powder Coated	2.2in
EN6883	36	Black	67.71in	Steel	Powder Coated	2.2in
EN6902	24	Black	68.9in	Steel	Powder Coated	2.04in
EN6908	36	Black	68.9in	Steel	Powder Coated	2.2in
EN6909	36	Black	66.1in	Steel	Powder Coated	2.2in
EN6951	42	Black	70.08in	Steel	Powder Coated	2.2in
EN6952	42	Black	70.08in	Steel	Powder Coated	2.2in
EN6955	54	Black	68.9in	Steel	Powder Coated	4.13in
EN6959	36	Black	67.71in	Steel	Powder Coated	2.2in
EN6961	30	Black	71.89in	Steel	Powder Coated	2.2in
EN6981	36	Black	71.89in	Steel	Powder Coated	2.2in
EN6982	36	Black	71.89in	Steel	Powder Coated	2.2in
EN6990	48	Black	79.92in	Steel	Powder Coated	3.34in
EN6341	18	Black	3.425in	Steel	Powder Coated	17.4in
EN69HA	48	Black	8.74in	Steel	Powder Coated	17.4in
EN69HB	36	Black	5.196in	Steel	Powder Coated	17.4in

Table 3/5

Catalog Number	Depth	Nominal Voltage	Cable Length	Rack Units	Number of Phases	Circuit Breaker Quantity
EN6324	2.08in	208V	10ft	0U	1	2
EN6333	2.08in	208V	10ft	0U	1	2
EN6351	2.95in	208V	10ft	0U	1	2
EN6381	2.95in	208V	10ft	0U	1	2
EN6804	2.08in	208V	10ft	0U	3	3
EN6804-S	2.08in	208V	10ft	0U	3	3
EN6829	2.95in	208V	10ft	0U	3	3
EN6829-S	2.95in	208V	10ft	0U	3	3
EN6833	2.95in	415V	10ft	0U		6
EN6851	2.95in	208V	6ft	0U	3	3
EN6851-S	2.95in	208V	6ft	0U	3	3
EN6881	2.95in	208V	6ft	0U	3	3
EN6883	2.95in	415V	10ft	0U		6
EN6902	2.08in	208V	10ft	0U	3	6
EN6908	2.95in	415V	10ft	0U		12
EN6909	2.95in	208V	10ft	0U	3	6
EN6951	2.95in	208V	6ft	0U	3	6
EN6952	2.95in	208V	6ft	0U	3	6
EN6955	2.95in	208V	6ft	0U	3	9
EN6959	2.95in	415V	6ft	0U		12
EN6961	2.95in	208V	6ft	0U	3	10
EN6981	2.95in	208V	6ft	0U	3	6
EN6982	2.95in	208V	6ft	0U	3	6
EN6990	3.34in	415V	6ft	0U		16
EN6341	10.5in	208V	10ft	2U	1	2
EN69HA	10.5in	415V	6ft	5U		16
EN69HB	10.5in	415V	6ft	3U		12

Table 4/5

Catalog Number	Current Rating	On/Off Switch Included	Number of Output Voltages	Circuit Breaker	Metering Type	Removable Input Cable
EN6324	5kV·A	Yes	24	20 A, 2-pole, Hy-MagA	Outlet	No

Catalog Number	Current Rating	On/Off Switch Included	Number of Output Voltages	Circuit Breaker	Metering Type	Removable Input Cable
EN6333	5kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6351	5kV·A	Yes	40	20 A, 2-pole, Hy-MagA	Outlet	No
EN6381	5kV·A	Yes	32	20 A, 2-pole, Hy-MagA	Outlet	No
EN6804	8.6kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6804-S	8.6kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6829	8.6kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6829-S	8.6kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6833	22.1kV·A	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	No
EN6851	8.6kV·A	Yes		20 A, 2-pole, Hy-MagA	Outlet	No
EN6851-S	8.6kV·A	Yes		20 A, 2-pole, Hy-MagA	Outlet	No
EN6881	8.6kV·A	Yes	42	20 A, 2-pole, Hy-MagA	Outlet	No
EN6883	22.1kV·A	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	No
EN6902	17.3kV·A	Yes	24	20 A, 2-pole, Hy-MagA	Outlet	No
EN6908	43.5kV·A	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	No
EN6909	17.3kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6951	14.4kV·A	Yes	42	20 A, 2-pole, Hy-MagA	Outlet	No
EN6952	17.3kV·A	Yes	42	20 A, 2-pole, Hy-MagA	Outlet	No
EN6955	14.4kV·A	Yes	54	20 A, 2-pole, Hy-MagA	Outlet	No
EN6959	43.5kV·A	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	No
EN6961	17.3kV·A	Yes	30	20 A, 2-pole, Hy-MagA	Outlet	No

Catalog Number	Current Rating	On/Off Switch Included	Number of Output Voltages	Circuit Breaker	Metering Type	Removable Input Cable
EN6981	14.4kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6982	17.3kV·A	Yes	36	20 A, 2-pole, Hy-MagA	Outlet	No
EN6990	69kV·A	Yes		20 A, 1-pole, Hy-MagA	Outlet	No
EN6341	5kV·A	Yes	18	20 A, 2-pole, Hy-MagA	Outlet	No
EN69HA	69kV·A	Yes		20 A, 1-pole, Hy-MagA	Outlet	No
EN69HB	55.2kV·A	Yes	36	20 A, 1-pole, Hy-MagA	Outlet	No

Table 5/5						
Catalog Number	Interrupt Rating	Nominal Power Output	Plug Type	Weight	Input Voltage	Output Voltage
EN6324	5kAIC	208VAC	NEMA L6-30P	22.44lb	208 VAC, 1 PHVAC	208VAC
EN6333	5kAIC	208VAC	NEMA L6-30P	19.84lb	208 VAC, 1 PHVAC	208VAC
EN6351	5kAIC	208VAC	NEMA L6-30P		208 VAC, 1 PHVAC	208VAC
EN6381	5kAIC	208VAC	NEMA L6-30P	20.5lb	208 VAC, 1 PHVAC	208VAC
EN6804	5kAIC	120VAC	NEMA L21-30P	23.81lb	208 VAC, 3 PH WyeVAC	120 – 208VAC
EN6804-S	5kAIC	208VAC	NEMA L15-30P	23.81lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6829	5kAIC	208VAC	NEMA L21-30P	23.92lb	208 VAC, 3 PH WyeVAC	208VAC
EN6829-S	5kAIC	208VAC	NEMA L15-30P	23.92lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6833		208VAC	IEC 60309 530P6/532P6	26.9lb		208 – 230VAC
EN6851	5kAIC	120VAC	NEMA L21-30P	31.9lb	208 VAC, 3 PH WyeVAC	120 – 208VAC
EN6851-S	5kAIC	208VAC	NEMA L15-30P	24.5lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6881	5kAIC	120VAC	NEMA L21-30P	24.91lb	208 VAC, 3 PH WyeVAC	120 – 208VAC

Catalog Number	Interrupt Rating	Nominal Power Output	Plug Type	Weight	Input Voltage	Output Voltage
EN6883		208VAC	Dual Rated IEC60309 530/532P6 (IP44)			208 – 230VAC
EN6902	5kAIC	208VAC	IEC 60309 460P9 (IP44)	23.81lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6908		208VAC	Dual Rated IEC 60309 560P6/563P6	30.86lb		208 – 230VAC
EN6909	5kAIC	208VAC	IEC 60309 460P9 (IP44)	30.86lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6951	5kAIC	208VAC	CS8365	30.8lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6952	5kAIC	208VAC	IEC 60309 460P9 (IP44)	28.6lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6955	10kAIC	208VAC	CS8365		208 VAC, 3 PH DeltaVAC	208VAC
EN6959		208VAC	IEC 60309 560P6/563P6			208 – 230VAC
EN6961	10kAIC	208VAC	IEC 60309 460P9 (IP44)	35.27lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6981	10kAIC	208VAC	CS8365		208 VAC, 3 PH DeltaVAC	208VAC
EN6982	5kAIC	208VAC	IEC 60309 460P9 (IP44)	30.86lb	208 VAC, 3 PH DeltaVAC	208VAC
EN6990		208VAC	IEC 60309 5125P6W (IP67)	55.78lb		208 – 230VAC
EN6341	5kAIC	208VAC	NEMA L6-30P	19.84lb	208 VAC, 1 PHVAC	208VAC
EN69HA		208VAC	IEC 60309 5125P6W (IP67)	48.94lb		208 – 230VAC
EN69HB		208VAC	IEC 60309 5125P6W (IP67)			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.



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