

Enlogic Input Metered, Outlet Switched PDU EN2 Series

Data Solutions



The Advantage Series Input Metered, Outlet Switched PDU family offers energy metering with advanced power and environmental monitoring options and remote outlet on/off switching. 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

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 1/6

Catalog Number	Product Family	Type	Product Type	Socket Type	Socket Quantity	Color
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EN2310	Enlogic	Intelligent PDU	Socket Strip	(12) 5-20R	12	Black
EN2316-E	Enlogic	Intelligent PDU	Socket Strip	(12) C13, (4) C19	16	Black
EN2319	Enlogic	Intelligent PDU	Socket Strip	(18) 5-20R	18	Black
EN2324	Enlogic	Intelligent PDU	Socket Strip	(20) C13, (4) C19	24	Black
EN2333	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19	36	Black
EN2351	Enlogic	Intelligent PDU	Socket Strip	(20) C13/C15, (20) C13/C15/C19/C21	40	Black
EN2804	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19	36	Black
EN2804-S	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19	36	Black
EN2851	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C21	48	Black
EN2851-S	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C21	48	Black
EN2881	Enlogic	Intelligent PDU	Socket Strip	(21) Locking C13/C15, (21) Locking C13/C15/C19/C21	42	Black
EN2902	Enlogic	Intelligent PDU	Socket Strip	(12) C13, (12) C19	24	Black
EN2951	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42	Black
EN2952	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42	Black

EN2953	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C 21	48	Black
EN2982	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C 21	36	Black
EN2990	Enlogic	Intelligent PDU	Socket Strip	(24) Locking C13/C15, (24) Locking C13/C15/C19/C 21	48	Black

Table 2/6

Catalog Number	Cable Length	Switched Outlets	Circuit Breaker	Power Rating	Circuit Breaker Quantity	Interrupt Rating
EN2310	10ft	Yes	No Circuit BreakerA	1.9 kVA	0	
EN2316-E	10ft	Yes	No Circuit BreakerA	3.3 kVA	0	
EN2319	10ft	Yes	20 A, 1-pole, Hy-MagA	2.9 kVA	2	5kAIC
EN2324	10ft	Yes	20 A, 2-pole, Hy-MagA	5.0 kVA	2	5kAIC
EN2333	10ft	Yes	20 A, 2-pole, Hy-MagA	5.0 kVA	2	5kAIC
EN2351	10ft	Yes	20 A, 2-pole, Hy-MagA	5.0 kVA	2	5kAIC
EN2804	10ft	Yes	20 A, 2-pole, Hy-MagA	8.6 kVA	3	5kAIC
EN2804-S	10ft	Yes	20 A, 2-pole, Hy-MagA	8.6 kVA	3	5kAIC
EN2851	6ft	Yes	20 A, 2-pole, Hy-MagA	8.6 kVA	3	5kAIC
EN2851-S	6ft	Yes	20 A, 2-pole, Hy-MagA	8.6 kVA	3	5kAIC
EN2881	6ft	Yes	20 A, 2-pole, Hy-MagA	8.6 kVA	3	5kAIC
EN2902	10ft	Yes	20 A, 2-pole, Hy-MagA	17.3 kVA	6	5kAIC

CatalogNumber	Cable Length	Switched Outlets	Circuit Breaker	Power Rating	Circuit Breaker Quantity	InterruptRating
EN2951	6ft	Yes	20 A, 2-pole, Hy-MagA	14.4 kVA	6	5kAIC
EN2952	6ft	Yes	20 A, 2-pole, Hy-MagA	17.3 kVA	6	5kAIC
EN2953	6ft	Yes	20 A, 2-pole, Hy-MagA	17.3 kVA	6	10kAIC
EN2982	6ft	Yes	20 A, 2-pole, Hy-MagA	17.3 kVA	6	5kAIC
EN2990	6ft	Yes	20 A, 1-pole, Hy-MagA	57.6 kVA North America, 69 kVA International	24	

Table 3/6

Catalog Number	Input Voltage	Phase	Nominal Power Output	Nominal Voltage	Number of Output Voltages	Number of Phases
EN2310	120V	1 PH	120VAC	120V	12	1
EN2316-E	208V	1 PH	208VAC	208V	16	1
EN2319	120V	1 PH	120VAC	120V	18	1
EN2324	208V	1 PH	208VAC	208V	24	1
EN2333	208V	1 PH	208VAC	208V	36	1
EN2351	208V	1 PH	208VAC	208V	40	1
EN2804	208V	3 PH WYE	120VAC	208V	36	3
EN2804-S	208V	3 PH Delta	208VAC	208V	36	3
EN2851	208V	3 PH WYE	120VAC	208V		3
EN2851-S	208V	3 PH Delta	208VAC	208V		3

CatalogNumber	Input Voltage	Phase	Nominal Power Output	Nominal Voltage	Number of OutputVoltages	Number of Phases
EN2881	208V	3 PH WYE	120VAC	208V	42	3
EN2902	208V	3 PH Delta	208VAC	208V	24	3
EN2951	208V	3 PH Delta	208VAC	208V	42	3
EN2952	208V	3 PH Delta	208VAC	208V	42	3
EN2953	208V	3 PH Delta	208VAC	208V		3
EN2982	208V	3 PH Delta	208VAC	208V	36	3
EN2990			208VAC	415V		

Table 4/6

Catalog Number	On/Off Switch Included	Amperage (Derated Amperage)	Output Voltage	Rack Units	Plug Type	Metering Type
EN2310	Yes	20 A (16 A)	120VAC	0U	NEMA L5-20P	Input
EN2316-E	Yes	20 A (16 A)	208VAC	0U	NEMA L6-20P	Input
EN2319	Yes	30A (24A)	120VAC	0U	NEMA L5-30P	Input
EN2324	Yes	30A (24A)	208VAC	0U	NEMA L6-30P	Input
EN2333	Yes	30A (24A)	208VAC	0U	NEMA L6-30P	Input
EN2351	Yes	30A (24A)	208VAC	0U	NEMA L6-30P	Input
EN2804	Yes	30A (24A)	120 – 208VAC	0U	NEMA L21-30P	Input
EN2804-S	Yes	30A (24A)	208VAC	0U	NEMA L15-30P	Input
EN2851	Yes	30A (24A)	120 – 208VAC	0U	NEMA L21-30P	Input

CatalogNumber	On/Off Switch Included	Amperage (Derated Amperage)	Output Voltage	Rack Units	Plug Type	Metering Type
EN2851-S	Yes	30A (24A)	208VAC	0U	NEMA L15-30P	Input
EN2881	Yes	30A (24A)	120 – 208VAC	0U	NEMA L21-30P	Input
EN2902	Yes	60 A (48 A)	208VAC	0U	IEC 60309 460P9 (IP44)	Input
EN2951	Yes	50 A (40 A)	208VAC	0U	CS8365	Input
EN2952	Yes	60 A (48 A)	208VAC	0U	IEC 60309 460P9 (IP44)	Input
EN2953	Yes	60 A (48 A)	208VAC	0U	IEC 60309 460P9 (IP44)	Input
EN2982	Yes	60 A (48 A)	208VAC	0U	IEC 60309 460P9 (IP44)	Input
EN2990	Yes	100 A (80 A) North America, 100 A International	208 – 230VAC	0U	IEC 60309 5125P6W (IP67)	Input

Table 5/6

Catalog Number	Removable Input Cable	Material	Finish	Height	Width	Depth
EN2310	Yes	Steel	Powder Coated	36.1in	2.05in	2.09in
EN2316-E	Yes	Steel	Powder Coated	36.1in	2.05in	2.09in
EN2319	No	Steel	Powder Coated	58.66in	2.05in	2.09in
EN2324	No	Steel	Powder Coated	68.9in	2.05in	2.09in
EN2333	No	Steel	Powder Coated	68.9in	2.05in	2.09in
EN2351	No	Steel	Powder Coated	58.66in	2.2in	2.95in
EN2804	No	Steel	Powder Coated	68.9in	2.05in	2.09in

CatalogNumber	Removable Input Cable	Material	Finish	Height	Width	Depth
EN2804-S	No	Steel	Powder Coated	68.9in	2.05in	2.09in
EN2851	No	Steel	Powder Coated	70.8in	2.2in	2.95in
EN2851-S	No	Steel	Powder Coated	70.8in	2.2in	2.95in
EN2881	No	Steel	Powder Coated	70.8in	2.2in	2.95in
EN2902	No	Steel	Powder Coated	70.8in	2.05in	2.09in
EN2951	No	Steel	Powder Coated	71.89in	2.2in	2.95in
EN2952	No	Steel	Powder Coated	71.89in	2.2in	2.95in
EN2953	No	Steel	Powder Coated	78.74in	2.2in	2.95in
EN2982	No	Steel	Powder Coated	71.89in	2.2in	2.95in
EN2990	No	Steel	Powder Coated	79.92in	3.35in	3.34in

Table 6/6

Catalog Number	Weight	Package Quantity
EN2310	7.92lb	1
EN2316-E		1
EN2319	15.62lb	1
EN2324	17.16lb	1
EN2333	21.16lb	1
EN2351		1
EN2804	21.16lb	1

Catalog Number	Weight	Package Quantity
EN2804-S	21.16lb	1
EN2851	26.4lb	1
EN2851-S	25.35lb	1
EN2881		1
EN2902	29.76lb	1
EN2951	28.6lb	1
EN2952	28.6lb	1
EN2953		1
EN2982		1
EN2990		1

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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