

Enlogic Input Metered PDU EN1 Series

Data Solutions



The Advantage Series Input Metered PDU family offers energy metering with advanced power and environmental monitoring options. 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

Black Powder Coated Chassis

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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EN1361	Enlogic	Intelligent PDU	Socket Strip	(9) C13/C15/C19/C 21	9	Black
EN1311	Enlogic	Intelligent PDU	Socket Strip	(12) C13	12	Black
EN1316	Enlogic	Intelligent PDU	Socket Strip	(16) 5-20R	16	Black
EN1315	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (6) C19	42	Black
EN1324	Enlogic	Intelligent PDU	Socket Strip	(20) C13, (4) C19	24	Black
EN1327	Enlogic	Intelligent PDU	Socket Strip	(24) 5-20R	24	Black
EN1351	Enlogic	Intelligent PDU	Socket Strip	(20) C13/C15, (20) C13/C15/C19/C 21	40	Black
EN1381	Enlogic	Intelligent PDU	Socket Strip	(16) Locking C13/C15, (16) Locking C13/C15/C19/C 21	32	Black
EN1805	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (6) C19	42	Black
EN1805-S	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (6) C19	42	Black
EN1806	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19, (2) 5-20R	38	Black
EN1814	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (6) C19, (2) 5-20R	44	Black
EN1815	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (6) C19	42	Black
EN1851	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C 21	42	Black
EN1851-S	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C 21	42	Black

EN1881	Enlogic	Intelligent PDU	Socket Strip	(21) Locking C13/C15, (21) Locking C13/C15/C19/C 21	42	Black
EN1902	Enlogic	Intelligent PDU	Socket Strip	(12) C13, (12) C19	24	Black
EN1932	Enlogic	Intelligent PDU	Socket Strip	(24) Locking C13/C15, (24) Locking C13/C15/C19/C 21	48	Black
EN1951	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C 21	42	Black
EN1952	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C 21	42	Black
EN1981	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C 21	36	Black
EN1982	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C 21	36	Black
EN19HA	Enlogic	Intelligent PDU	Socket Strip	(19) C13/C15, (19) C13/C15/C19/C 21	38	Black
EN19HB	Enlogic	Intelligent PDU	Socket Strip	(19) Locking C13/C15, (19) Locking C13/C15/C19/C 21	38	Black
EN19HD	Enlogic	Intelligent PDU	Socket Strip	(18) C13/C15, (18) C13/C15/C19/C 21	36	Black

Table 2/6

Catalog Number	Switched Outlets	Cable Length	Power Rating	Circuit Breaker	Circuit Breaker Quantity	Input Voltage
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EN1361	No	10ft	3.7 kVA	No Circuit Breaker	0	
EN1311	No	10ft	3.7 kVA	No Circuit BreakerA	0	
EN1316	No	10ft	1.9 kVA	No Circuit BreakerA	0	120V
EN1315	No	10ft	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1324	No	10ft	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1327	No	10ft	2.9 kVA	20 A, 1-pole, Hy-MagA	2	120V
EN1351	No	10ft	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1381	No	10ft	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1805	No	10ft	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1805-S	No	10ft	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1806	No	10ft	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1814	No	10ft	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1815	No	10ft	17.3 kVA	20 A, 1-pole, Hy-MagA	6	
EN1851	No	6ft	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1851-S	No	6ft	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1881	No	6ft	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1902	No	10ft	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1932	No	6ft	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1951	No	6ft	14.4 kVA	20 A, 2-pole, Hy-MagA	6	208V

EN1952	No	6ft	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1981	No	6ft	14.4 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1982	No	6ft	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN19HA	No	6ft	28.8 kVA	20 A, 2-pole, Hy-MagA	9	208V
EN19HB	No	6ft	28.8 kVA	20 A, 2-pole, Hy-MagA	9	208V
EN19HD	No	6ft	57.6 kVA North America, 69 kVA International	20 A, 1-pole, Hy-MagA	18	

Table 3/6

Catalog Number	Phase	Nominal Power Output	Nominal Voltage	Number of Output Voltages	On/Off Switch Included	Output Voltage
EN1361	1 PH	230VAC	230V	12	No	230VAC
EN1311	1 PH	230VAC	230V	12	No	230VAC
EN1316	1 PH	120VAC	120V	16	No	120VAC
EN1315	1 PH	208VAC	208V	42	No	208VAC
EN1324	1 PH	208VAC	208V	24	No	208VAC
EN1327	1 PH	120VAC	120V	24	No	120VAC
EN1351	1 PH	208VAC	208V	40	No	208VAC
EN1381	1 PH	208VAC	208V	32	No	208VAC
EN1805	3 PH WYE	120VAC	208V	42	No	120 – 208VAC
EN1805-S	3 PH Delta	208VAC	208V	42	No	208VAC

CatalogNumber	Phase	Nominal Power Output	Nominal Voltage	Number of OutputVoltages	On/Off Switch Included	Output Voltage
EN1806	3 PH WYE	120VAC	208V	38	No	120 – 208VAC
EN1814	3 PH WYE	120VAC	208V	44	No	120 – 208VAC
EN1815		208VAC	415V	42	No	208VAC
EN1851	3 PH WYE	120VAC	208V	42	No	120 – 208VAC
EN1851-S	3 PH Delta	208VAC	208V	42	No	208VAC
EN1881	3 PH WYE	120VAC	208V	42	No	120 – 208VAC
EN1902	3 PH Delta	208VAC	208V	24	No	208VAC
EN1932	3 PH Delta	208VAC	208V		No	208VAC
EN1951	3 PH Delta	208VAC	208V	42	No	208VAC
EN1952	3 PH Delta	208VAC	208V	42	No	208VAC
EN1981	3 PH Delta	208VAC	208V	36	No	208VAC
EN1982	3 PH Delta	208VAC	208V	36	No	208VAC
EN19HA	3 PH Delta	208VAC	208V	38	No	208VAC
EN19HB	3 PH Delta	208VAC	208V	38	No	208VAC
EN19HD		208VAC	415V	36	No	208 – 230VAC

Table 4/6

Catalog Number	Amperage (Derated Amperage)	Plug Type	Rack Units	Removable Input Cable	Metering Type	Material
EN1361	16 A	IEC 60309 316P6 (IP44)	1U	Yes	Input	Steel

CatalogNumber	Amperage (Derated Amperage)	Plug Type	Rack Units	Removable Input Cable	Metering Type	Material
EN1311	16 A	IEC 60309 316P6 (IP44)	1U	Yes	Input	Steel
EN1316	20 A (16 A)	NEMA L5-20P	0U	Yes	Input	Steel
EN1315	30A (24A)	NEMA L6-30P	0U	No	Input	Steel
EN1324	30A (24A)	NEMA L6-30P	0U	No	Input	Steel
EN1327	30A (24A)	NEMA L5-30P	0U	No	Input	Steel
EN1351	30A (24A)	NEMA L6-30P	0U	No	Input	Steel
EN1381	30A (24A)	NEMA L6-30P	0U	No	Input	Steel
EN1805	30A (24A)	NEMA L21-30P	0U	No	Input	Steel
EN1805-S	30A (24A)	NEMA L15-30P	0U	No	Input	Steel
EN1806	30A (24A)	NEMA L21-30P	0U	No	Input	Steel
EN1814	30A (24A)	NEMA L21-30P	0U	No	Input	Steel
EN1815	30A (24A)	IEC 60309 530P6 (IP44)	0U	No	Input	Steel
EN1851	30A (24A)	NEMA L21-30P	0U	No	Input	Steel
EN1851-S	30A (24A)	NEMA L15-30P	0U	No	Input	Steel
EN1881	30A (24A)	NEMA L21-30P	0U	No	Input	Steel
EN1902	60 A (48 A)	IEC 60309 460P9 (IP44)	0U	No	Input	Steel
EN1932	60 A (48 A)	IEC 60309 460P9 (IP44)	0U	No	Input	Steel
EN1951	50 A (40 A)	CS8365	0U	No	Input	Steel

CatalogNumber	Amperage (Derated Amperage)	Plug Type	Rack Units	Removable Input Cable	Metering Type	Material
EN1952	60 A (48 A)	IEC 60309 460P9 (IP44)	0U	No	Input	Steel
EN1981	50 A (40 A)	CS8365	0U	No	Input	Steel
EN1982	60 A (48 A)	IEC 60309 460P9 (IP44)	0U	No	Input	Steel
EN19HA	100 A (80 A)	IEC 60309 4100P9W	0U	No	Input	Steel
EN19HB	100 A (80 A)	IEC 60309 4100P9W	0U	No	Input	Steel
EN19HD	100 A (80 A) North America, 100 A International	IEC 60309 5125P6W (IP67)	0U	No	Input	Steel

Table 5/6

Catalog Number	Finish	Height	Width	Depth	Weight	Package Quantity
EN1361	Powder Coated	1.69in	17.48in	10.5in	9.68lb	1
EN1311	Powder Coated	1.69in	17.48in	10.5in		1
EN1316	Powder Coated	32.17in	2.05in	2.09in	7.92lb	1
EN1315	Powder Coated	68.9in	2.05in	2.09in	20.94lb	1
EN1324	Powder Coated	58.66in	2.05in	2.09in	15.62lb	1
EN1327	Powder Coated	58.66in	2.05in	2.09in	19.8lb	1
EN1351	Powder Coated	58.66in	2.2in	2.17in		1
EN1381	Powder Coated	58.66in	2.2in	2.17in		1
EN1805	Powder Coated	68.9in	2.05in	2.09in	20.94lb	1

CatalogNumber	Finish	Height	Width	Depth	Weight	Package Quantity
EN1805-S	Powder Coated	68.9in	2.05in	2.09in	20.94lb	1
EN1806	Powder Coated	68.9in	2.05in	2.09in	19.73lb	1
EN1814	Powder Coated	68.9in	2.17in	2.09in	20.94lb	1
EN1815	Powder Coated	74.6in	2.05in	2.09in	23.37lb	1
EN1851	Powder Coated	70.8in	2.2in	2.17in	22lb	1
EN1851-S	Powder Coated	70.8in	2.2in	2.17in		1
EN1881	Powder Coated	70.8in	2.2in	2.17in		1
EN1902	Powder Coated	68.9in	2.05in	2.09in	27.78lb	1
EN1932	Powder Coated	80.7in	2.2in	2.95in	34.17lb	1
EN1951	Powder Coated	70.8in	2.2in	2.95in	28.6lb	1
EN1952	Powder Coated	70.8in	2.2in	2.95in	23.1lb	1
EN1981	Powder Coated	71.89in	2.2in	2.95in		1
EN1982	Powder Coated	71.89in	2.2in	2.95in		1
EN19HA	Powder Coated	77.95in	2.2in	2.95in		1
EN19HB	Powder Coated	85.43in	2.2in	3.74in		1
EN19HD	Powder Coated	68.9in	2.32in	3.42in		1

Table 6/6

Catalog Number	Interrupt Rating	Number of Phases
EN1361		

Catalog Number	Interrupt Rating	Number of Phases
EN1311		
EN1316		1
EN1315	5kAIC	1
EN1324	5kAIC	1
EN1327	5kAIC	1
EN1351	5kAIC	1
EN1381	5kAIC	1
EN1805	5kAIC	3
EN1805-S	5kAIC	3
EN1806	5kAIC	3
EN1814	5kAIC	3
EN1815		
EN1851	5kAIC	3
EN1851-S	5kAIC	3
EN1881	5kAIC	3
EN1902	5kAIC	3
EN1932	5kAIC	3
EN1951	5kAIC	3

Catalog Number	Interrupt Rating	Number of Phases
EN1952	5kAIC	3
EN1981	5kAIC	3
EN1982	5kAIC	3
EN19HA	10kAIC	3
EN19HB	10kAIC	3
EN19HD		

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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