

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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EN1316	Enlogic	Intelligent PDU	Socket Strip	(16) 5-20R	16	Black
EN1361	Enlogic	Intelligent PDU	Socket Strip	(9) C13/C15/C19/C 21	9	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/C21	48	Black
EN1951	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42	Black
EN1952	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42	Black
EN1981	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21	36	Black
EN1982	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21	36	Black
EN19HA	Enlogic	Intelligent PDU	Socket Strip	(19) C13/C15, (19) C13/C15/C19/C21	38	Black
EN19HB	Enlogic	Intelligent PDU	Socket Strip	(19) Locking C13/C15, (19) Locking C13/C15/C19/C21	38	Black
EN19HD	Enlogic	Intelligent PDU	Socket Strip	(18) C13/C15, (18) C13/C15/C19/C21	36	Black

Table 2/6

Catalog Number	Switched Outlets	Cable Length	Power Rating	Circuit Breaker	Circuit Breaker Quantity	Input Voltage
EN1316	No	3000mm	1.9 kVA	No Circuit BreakerA	0	120V
EN1361	No	3000mm	3.7 kVA	No Circuit Breaker	0	

CatalogNumber	Switched Outlets	Cable Length	Power Rating	Circuit Breaker	Circuit Breaker Quantity	Input Voltage
EN1315	No	3000mm	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1324	No	3000mm	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1327	No	3000mm	2.9 kVA	20 A, 1-pole, Hy-MagA	2	120V
EN1351	No	3000mm	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1381	No	3000mm	5.0 kVA	20 A, 2-pole, Hy-MagA	2	208V
EN1805	No	3000mm	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1805-S	No	3000mm	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1806	No	3000mm	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1814	No	3000mm	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1815	No	3000mm	17.3 kVA	20 A, 1-pole, Hy-MagA	6	
EN1851	No	1800mm	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1851-S	No	1800mm	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1881	No	1800mm	8.6 kVA	20 A, 2-pole, Hy-MagA	3	208V
EN1902	No	3000mm	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1932	No	1800mm	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1951	No	1800mm	14.4 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1952	No	1800mm	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN1981	No	1800mm	14.4 kVA	20 A, 2-pole, Hy-MagA	6	208V

CatalogNumber	Switched Outlets	Cable Length	Power Rating	Circuit Breaker	Circuit Breaker Quantity	Input Voltage
EN1982	No	1800mm	17.3 kVA	20 A, 2-pole, Hy-MagA	6	208V
EN19HA	No	1800mm	28.8 kVA	20 A, 2-pole, Hy-MagA	9	208V
EN19HB	No	1800mm	28.8 kVA	20 A, 2-pole, Hy-MagA	9	208V
EN19HD	No	1800mm	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
EN1316	1 PH	120VAC	120V	16	No	120VAC
EN1361	1 PH	230VAC	230V	12	No	230VAC
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	208VAC	208V	42	No	120 – 208VAC
EN1805-S	3 PH Delta	208VAC	208V	42	No	208VAC
EN1806	3 PH WYE	208VAC	208V	38	No	120 – 208VAC
EN1814	3 PH WYE	208VAC	208V	44	No	120 – 208VAC

CatalogNumber	Phase	Nominal Power Output	Nominal Voltage	Number of OutputVoltages	On/Off Switch Included	Output Voltage
EN1815		208VAC	415V	42	No	208VAC
EN1851	3 PH WYE	208VAC	208V	42	No	120 – 208VAC
EN1851-S	3 PH Delta	208VAC	208V	42	No	208VAC
EN1881	3 PH WYE	208VAC	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		230VAC	415V	36	No	208 – 230VAC

Table 4/6

Catalog Number	Amperage (Derated Amperage)	Plug Type	Rack Units	Removable Input Cable	Metering Type	Material
EN1316	20 A (16 A)	NEMA L5-20P	0U	Yes	Input	Steel
EN1361	16 A	IEC 60309 316P6 (IP44)	1U	Yes	Input	Steel
EN1315	30A (24A)	NEMA L6-30P	0U	No	Input	Steel

CatalogNumber	Amperage (Derated Amperage)	Plug Type	Rack Units	Removable Input Cable	Metering Type	Material
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
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

CatalogNumber	Amperage (Derated Amperage)	Plug Type	Rack Units	Removable Input Cable	Metering Type	Material
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
EN1316	Powder Coated	817mm	52mm	53mm	3.59kg	1
EN1361	Powder Coated	43mm	444mm	269mm	4.4kg	1
EN1315	Powder Coated	1750mm	52mm	53mm	9.51kg	1
EN1324	Powder Coated	1490mm	52mm	53mm	7.1kg	1
EN1327	Powder Coated	1490mm	52mm	53mm	9kg	1
EN1351	Powder Coated	1490mm	56mm	55mm		1
EN1381	Powder Coated	1490mm	56mm	55mm		1
EN1805	Powder Coated	1750mm	52mm	53mm	9.51kg	1
EN1805-S	Powder Coated	1750mm	52mm	53mm	9.51kg	1
EN1806	Powder Coated	1750mm	52mm	53mm	8.96kg	1
EN1814	Powder Coated	1750mm	55mm	53mm	9.51kg	1
EN1815	Powder Coated	1895mm	52mm	53mm	10.6kg	1

CatalogNumber	Finish	Height	Width	Depth	Weight	Package Quantity
EN1851	Powder Coated	1780mm	56mm	55mm	10kg	1
EN1851-S	Powder Coated	1780mm	56mm	55mm		1
EN1881	Powder Coated	1780mm	56mm	55mm		1
EN1902	Powder Coated	1750mm	52mm	53mm	12.6kg	1
EN1932	Powder Coated	2050mm	56mm	75mm	15.5kg	1
EN1951	Powder Coated	1780mm	56mm	75mm	13kg	1
EN1952	Powder Coated	1780mm	56mm	75mm	10.5kg	1
EN1981	Powder Coated	1826mm	56mm	75mm		1
EN1982	Powder Coated	1826mm	56mm	75mm		1
EN19HA	Powder Coated	1980mm	56mm	75mm		1
EN19HB	Powder Coated	2170mm	56mm	95mm		1
EN19HD	Powder Coated	1750mm	59mm	87mm		1

Table 6/6

Catalog Number	Input Cable Length	Interrupt Rating	Number of Phases
EN1316	3m		1
EN1361	3m		
EN1315	3m	5kAIC	1
EN1324	3m	5kAIC	1
EN1327	3m	5kAIC	1

Catalog Number	Input Cable Length	Interrupt Rating	Number of Phases
EN1351	3m	5kAIC	1
EN1381	3m	5kAIC	1
EN1805	3m	5kAIC	3
EN1805-S	3m	5kAIC	3
EN1806	3m	5kAIC	3
EN1814	3m	5kAIC	3
EN1815	3m		
EN1851	1.8m	5kAIC	3
EN1851-S	1.8m	5kAIC	3
EN1881	1.8m	5kAIC	3
EN1902	3m	5kAIC	3
EN1932	1.8m	5kAIC	3
EN1951	1.8m	5kAIC	3
EN1952	1.8m	5kAIC	3
EN1981	1.8m	5kAIC	3
EN1982	1.8m	5kAIC	3
EN19HA	1.8m	10kAIC	3
EN19HB	1.8m	10kAIC	3

Catalog Number	Input Cable Length	Interrupt Rating	Number of Phases
EN19HD	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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