

# Intelligent PDU, EN1xxx, 400 VAC, 3-PH

## Data Solutions

Modular, compact intelligent PDU with inlet metering. Ultra-Low Profile Design



### FEATURES

Enlogic EN1xxx Intelligent Power Distribution Units monitors input power of the entire PDU, provides billing grade unit level monitoring

High Visibility Data Display and Interactive Graphic Display

Measure circuit breaker loads across redundant feeds to avoid accidental downtime

Enables smart load balancing for power efficiency and maximized capacity utilization

Gigabit Ethernet Interface and redundant Ethernet (10/100)

iPDU DC power redundancy solution for up to 64 PDU's

Toolless Hot-Swap Controller

Input voltage 400 VAC, 3-phase

C13, C19 outlets

### SPECIFICATIONS

Table 1/6

Catalog Number	Product Family	Type	Product Type	Socket Type	Socket Quantity	Color
EN1403	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (6) C19	42	Black
EN1450	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42	Black
EN1402	Enlogic	Intelligent PDU	Socket Strip	(24) C13, (6) C19	30	Black
EN1811	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (12) C19	42	Black

CatalogNumber	Product Family	Type	Product Type	Socket Type	SocketQuantity	Color
EN1850	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C 21	48	Black
EN1880	Enlogic	Intelligent PDU	Socket Strip	(21) Locking C13/C15, (21) Locking C13/C15/C19/C 21	42	Black
EN1950	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C 21	42	Black
EN1980	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C 21	36	Black
EN1808	Enlogic	Intelligent PDU	Socket Strip	(12) C13, (12) C19	24	Black
EN1809	Enlogic	Intelligent PDU	Socket Strip	(18) C13, (6) C19	24	Black
EN1812	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (12) C19	48	Black

Table 2/6

Catalog Number	Circuit Breaker	Switched Outlets	Circuit Breaker Quantity	Power Rating	Input Cable Length	Input Cable Location
EN1403	No Circuit Breaker	No	0	11.0 kVA	3m	Top Feed
EN1450	No Circuit Breaker	No	0	11.5 kVA North America, 11.0 kVA International	1.8m	Top Feed
EN1402	16 A, 1-pole, Hy-Mag	No	0			Top Feed
EN1811	16 A, 1-pole, Hy-Mag	No	6	22.0 kVA	3m	Top Feed
EN1850	20 A, 1-pole, Hy-Mag	No	6	17.3 kVA North America, 22.1 kVA International	1.8m	Top Feed

CatalogNumber	Circuit Breaker	Switched Outlets	Circuit Breaker Quantity	Power Rating	Input Cable Length	Input Cable Location
EN1880	20 A, 1-pole, Hy-Mag	No	6	17.3 kVA North America, 22.1 kVA International	1.8m	Top Feed
EN1950	20 A, 1-pole, Hy-Mag	No	12	34.6 kVA North America, 43.5 kVA International	1.8m	Top Feed
EN1980	20 A, 1-pole, Hy-Mag	No	12	34.6 kVA North America, 43.5 kVA International	1.8m	Top Feed
EN1808	16 A, 1-pole, Hy-Mag	No	6			Top Feed
EN1809	16 A, 1-pole, Hy-Mag	No	6			Top Feed
EN1812	16 A, 1-pole, Hy-Mag	No	6			Top Feed

Table 3/6

Catalog Number	Input Voltage	Phase	Max Power Input	Nominal Voltage	On/Off Switch Included	Output Voltage
EN1403	380 – 415V	3 PH	11.0 kVA	415V	No	230VAC
EN1450	380 – 415V	3 PH	11.5 / 11.0 kVA	415V	No	208 – 230VAC
EN1402	400V	3 PH WYE	11.0 kVA			200 – 240VAC
EN1811	380 – 415V	3 PH	22.0 kVA	415V	No	230VAC
EN1850	380 – 415V	3 PH	17.3 / 22.1 kVA	415V	No	208 – 230VAC
EN1880	380 – 415V	3 PH	17.3 / 22.1 kVA	415V	No	208 – 230VAC
EN1950	380 – 415V	3 PH	14.4 kVA	415V	No	208 – 230VAC
EN1980	380 – 415V	3 PH	14.4 kVA	415V	No	208 – 230VAC
EN1808	400V	3 PH WYE	22.0 kVA			200 – 240VAC

CatalogNumber	Input Voltage	Phase	Max Power Input	Nominal Voltage	On/Off Switch Included	Output Voltage
EN1809	400V	3 PH WYE	22.0 kVA			200 – 240VAC
EN1812	400V	3 PH WYE	22.0 kVA			200 – 240VAC

Table 4/6

Catalog Number	Amperage (Derated Amperage)	Plug Type	Rack Units	Removable Input Cable	Metering Type	Material
EN1403	16 A	IEC 60309 516P6 (IP44)	0U	No	Input	Steel
EN1450	20 A (16 A) North America, 16 A International	IEC 60309 520P6/516P6	0U	No	Input	Steel
EN1402	16 A	IEC 60309 516P6 (IP44)	0U	No	Input	
EN1811	32 A	IEC 60309 532P6 (IP44)	0U	No	Input	Steel
EN1850	30 A (24 A) North America, 32 A International	IEC 60309 530P6/532P6	0U	No	Input	Steel
EN1880	30 A (24 A) North America, 32 A International	IEC 60309 530P6/532P6	0U	No	Input	Steel
EN1950	60 A (48 A) North America, 63 A International	IEC 60309 560P6/563P6	0U	No	Input	Steel
EN1980	60 A (48 A) North America, 63 A International	IEC 60309 560P6/563P6	0U	No	Input	Steel
EN1808	32 A	IEC 60309 532P6 (IP44)	0U	No	Input	
EN1809	32 A	IEC 60309 532P6 (IP44)	0U	No	Input	
EN1812	32 A	IEC 60309 532P6 (IP44)	0U	No	Input	

Table 5/6

Catalog Number	Finish	Height	Width	Depth	Weight	Package Quantity
EN1403	Powder Coated	1750mm	52mm	53mm	7.11kg	1
EN1450	Powder Coated	1490mm	56mm	55mm	8kg	1
EN1402						1
EN1811	Powder Coated	1750mm	55mm	53mm	10.22kg	1
EN1850	Powder Coated	1780mm	56mm	55mm	10.5kg	1
EN1880	Powder Coated	1826mm	56mm	55mm	11.02kg	1
EN1950	Powder Coated	1826mm	56mm	75mm	12.5kg	1
EN1980	Powder Coated	1826mm	56mm	75mm		1
EN1808						1
EN1809						1
EN1812						1

Table 6/6

Catalog Number	Interrupt Rating
EN1403	
EN1450	
EN1402	5kAIC
EN1811	
EN1850	

Catalog Number	Interrupt Rating
EN1880	
EN1950	
EN1980	
EN1808	5kAIC
EN1809	5kAIC
EN1812	5kAIC

## ADDITIONAL PRODUCT DETAILS

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Please order bracket for vertical mounting separately.

## WARNING

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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](http://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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