

Intelligent PDU, EN6xxx, 400 VAC, 3-PH

Data Solutions



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

FEATURES

Enlogic EN6xxx Intelligent Power Distribution Units monitors input power and power of each individual outlet and offers remote switching of individual outlets, 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
EN6402	Enlogic	Intelligent PDU	Socket Strip	(18) C13, (6) C19	24	Black
EN6450	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C21	48	Black
EN6403	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19	36	Black
EN6808	Enlogic	Intelligent PDU	Socket Strip	(12) C13, (12) C19	24	Black

CatalogNumber	Product Family	Type	Product Type	Socket Type	SocketQuantity	Color
EN6810	Enlogic	Intelligent PDU	Socket Strip	(24) C13, (12) C19	36	Black
EN6850	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C21	48	Black
EN6880	Enlogic	Intelligent PDU	Socket Strip	(21) Locking C13/C15, (21) Locking C13/C15/C19/C21	42	Black
EN6910	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C19	48	Black
EN6950	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42	Black
EN6980	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21	36	Black
EN6812	Enlogic	Intelligent PDU	Socket Strip	(36) C13, (12) C19	48	Black

Table 2/6						
Catalog Number	Circuit Breaker	Switched Outlets	Circuit Breaker Quantity	Current Rating	Power Rating	Input Cable Location
EN6402	No Circuit Breaker	Yes	0		11.0 kVA	Top Feed
EN6450	No Circuit Breaker	Yes	0		11.5 kVA North America, 11.0 kVA International	Top Feed
EN6403	16 A, 1-pole, Hy-Mag	Yes	0			Top Feed
EN6808	16 A, 1-pole, Hy-Mag	Yes	6		22.0 kVA	Top Feed
EN6810	16 A, 1-pole, Hy-Mag	Yes	6		22.0 kVA	Top Feed

CatalogNumber	Circuit Breaker	Switched Outlets	Circuit Breaker Quantity	Current Rating	Power Rating	Input Cable Location
EN6850	20 A, 1-pole, Hy-Mag	Yes	6		17.3 kVA North America, 22.1 kVA International	Top Feed
EN6880	20 A, 1-pole, Hy-Mag	Yes	6		17.3 kVA North America, 22.1 kVA International	Top Feed
EN6910	20 A, 1-pole, Hy-Mag	Yes	16		34.6 kVA North America, 43.5 kVA International	Top Feed
EN6950	20 A, 1-pole, Hy-Mag	Yes	12		34.6 kVA North America, 43.5 kVA International	Top Feed
EN6980	20 A, 1-pole, Hy-Mag	Yes	12		34.6 kVA North America, 43.5 kVA International	Top Feed
EN6812	16 A, 1-pole, Hy-Mag	Yes	6	32A		Top Feed

Table 3/6

Catalog Number	Max Power Input	Input Voltage	Phase	On/Off Switch Included	Nominal Voltage	Output Voltage
EN6402	11.0 kVA	380 – 415V	3 PH	Yes	415V	230VAC
EN6450	11.5 / 11.0 kVA	380 – 415V	3 PH	Yes	415V	208 – 230VAC
EN6403	11.0 kVA	400V	3 PH WYE			200 – 240VAC
EN6808	22.0 kVA	380 – 415V	3 PH	Yes	415V	230VAC
EN6810	22.0 kVA	380 – 415V	3 PH	Yes	415V	230VAC
EN6850	17.3 / 22.1 kVA	380 – 415V	3 PH	Yes	415V	208 – 230VAC
EN6880	17.3 / 22.1 kVA	380 – 415V	3 PH	Yes	415V	208 – 230VAC

CatalogNumber	Max Power Input	Input Voltage	Phase	On/Off Switch Included	Nominal Voltage	Output Voltage
EN6910	34.6 / 43.5 kVA	380 – 415V	3 PH	Yes	415V	208 – 230VAC
EN6950	34.6 / 43.5 kVA	380 – 415V	3 PH	Yes	415V	208 – 230VAC
EN6980	34.6 / 43.5 kVA	380 – 415V	3 PH	Yes	415V	208 – 230VAC
EN6812	22.0 kVA	400V	3 PH WYE			200 – 240VAC

Table 4/6

Catalog Number	Plug Type	Amperage (Derated Amperage)	Removable Input Cable	Rack Units	Material	Finish
EN6402	IEC 60309 516P6 (IP44)	16 A	No	0U	Steel	Powder Coated
EN6450	IEC 60309 520P6/516P6	20 A (16 A) North America, 16 A International	No	0U	Steel	Powder Coated
EN6403	IEC 60309 516P6 (IP44)	16 A	No	0U		
EN6808	IEC 60309 532P6 (IP44)	32 A	No	0U	Steel	Powder Coated
EN6810	IEC 60309 532P6 (IP44)	32 A	No	0U	Steel	Powder Coated
EN6850	IEC 60309 530P6/532P6	30 A (24 A) North America, 32 A International	No	0U	Steel	Powder Coated
EN6880	IEC 60309 530P6/532P6	30 A (24 A) North America, 32 A International	No	0U	Steel	Powder Coated
EN6910	IEC 60309 560P6/563P6	60 A (48 A) North America, 63 A International	Yes	0U	Steel	Powder Coated
EN6950	IEC 60309 560P6/563P6	60 A (48 A) North America, 63 A International	No	0U	Steel	Powder Coated

CatalogNumber	Plug Type	Amperage (Derated Amperage)	Removable Input Cable	Rack Units	Material	Finish
EN6980	IEC 60309 560P6/563P6	60 A (48 A) North America, 63 A International	No	0U	Steel	Powder Coated
EN6812	IEC 60309 532P6 (IP44)	32 A	No	0U		

Table 5/6

Catalog Number	Metering Type	Height	Width	Depth	Weight	Package Quantity
EN6402	Outlet	1780mm	52mm	53mm	7.82kg	1
EN6450	Outlet	1490mm	56mm	75mm	12kg	1
EN6403	Outlet					1
EN6808	Outlet	1780mm	52mm	53mm	10.22kg	1
EN6810	Outlet	1780mm	85mm	53mm	8.72kg	1
EN6850	Outlet	1780mm	56mm	75mm	12kg	1
EN6880	Outlet	1780mm	56mm	75mm	11.62kg	1
EN6910	Outlet	2260mm	56mm	75mm	17.04kg	1
EN6950	Outlet	1826mm	56mm	75mm	13.5kg	1
EN6980	Outlet	1826mm	56mm	95mm	14.53kg	1
EN6812	Outlet					1

Table 6/6

Catalog Number	Input Cable Length	Interrupt Rating
EN6402	3m	

Catalog Number	Input Cable Length	Interrupt Rating
EN6450	1.8m	
EN6403		5kAIC
EN6808	3m	
EN6810	3m	
EN6850	1.8m	
EN6880	1.8m	
EN6910	1.8m	
EN6950	1.8m	
EN6980	1.8m	
EN6812		5kAIC

ADDITIONAL PRODUCT DETAILS

Please order bracket for vertical mounting separately.

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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