Enlogic iPDU, Outlet Switched & Metered EN6 Series

Data Solutions

The Advantage Series Outlet Metered, Outlet Switched PDU family offers energy metering with advanced power and environmental monitoring options and remote outlet on/off switching. Comprehensive monitoring at the input phase, circuit breaker, and individual outlet 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 connunications

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

EN6990	Enlogic	Intelligent PDU	Socket Strip	(24) Locking C13/C15, (24) Locking C13/C15/C19/C21	48	Black
EN6909	Enlogic	Intelligent PDU	Socket Strip	(24) C13, (12) C19	36	Black
EN6324	Enlogic	Intelligent PDU	Socket Strip	(20) C13, (4) C19	24	Black
EN6829-S	Enlogic	Intelligent PDU	Socket Strip	(24) C13, (12) C19	36	Black
EN6851-S	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C21	48	Black
EN6959	Enlogic	Intelligent PDU	Socket Strip	(18) C13/C15, (18) C13/C15/C19/C21	36	Black
EN6908	Enlogic	Intelligent PDU	Socket Strip	(24) C13, (12) C19	36	Black
EN6804-S	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19	36	Black
EN6952	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42	Black
EN6961	Enlogic	Intelligent PDU	Socket Strip	(15) C13/C15, (15) C13/C15/C19/C21	30	Black
EN6981	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21	36	Black
EN6902	Enlogic	Intelligent PDU	Socket Strip	(12) C13, (12) C19	24	Black
EN6881	Enlogic	Intelligent PDU	Socket Strip	(21) Locking C13/C15, (21) Locking C13/C15/C19/C21	42	Black

EN6381	Enlogic	Intelligent PDU	Socket Strip	(16) Locking C13/C15, (16) Locking C13/C15/C19/C21	32		Black
EN6829	Enlogic	Intelligent PDU	Socket Strip	(24) C13, (12) C19	36		Black
EN6333	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19	36		Black
EN6955	Enlogic	Intelligent PDU	Socket Strip	(27) C13/C15, (27) C13/C15/C19/C21	54		Black
EN6883	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21	36		Black
EN6851	Enlogic	Intelligent PDU	Socket Strip	(24) C13/C15, (24) C13/C15/C19/C21	48		Black
EN6804	Enlogic	Intelligent PDU	Socket Strip	(30) C13, (6) C19	36		Black
EN6982	Enlogic	Intelligent PDU	Socket Strip	(18) Locking C13/C15, (18) Locking C13/C15/C19/C21	36		Black
EN6833	Enlogic	Intelligent PDU	Socket Strip	(24) C13, (12) C19	36		Black
EN6351	Enlogic	Intelligent PDU	Socket Strip	(20) C13/C15, (20) C13/C15/C19/C21	40		Black
EN6951	Enlogic	Intelligent PDU	Socket Strip	(21) C13/C15, (21) C13/C15/C19/C21	42		Black
EN6341	Enlogic	Intelligent PDU	Socket Strip	(9) C13/C15, (9) C13/C15/C19/C21	18		Black
EN69HB	Enlogic	Intelligent PDU	Socket Strip	(18) C13/C15, (18) C13/C15/C19/C21	36		Black

Catalog Number						
EN69HA	Enlogic	Intelligent PDU	Socket Strip	(24) Locking C13/C15, (24) Locking C13/C15/C19/C21	48	Black

				Table 2/6		
Catalog Number	**Switched Outlets**	**Power Rating**	**Cable Length**	**Circuit Breaker**	**Circuit Breaker Quantity**	**Input Voltage**
EN6990	Yes	57.6 kVA North America, 69 kVA International	1800mm	20 A, 1-pole, Hy-MagA	16	
EN6909	Yes	17.3 kVA	3000mm	20 A, 2-pole, Hy-MagA	6	208V
EN6324	Yes	5.0 kVA	3000mm	20 A, 2-pole, Hy-MagA	2	208V
EN6829-S	Yes	8.6 kVA	3000mm	20 A, 2-pole, Hy-MagA	3	208V
EN6851-S	Yes	8.6 kVA	1800mm	20 A, 2-pole, Hy-MagA	3	208V
EN6959	Yes	34.6 kVA North America, 43.5 kVA International	1800mm	20 A, 1-pole, Hy-MagA	12	
EN6908	Yes	34.6 kVA North America, 43.5 kVA International	3000mm	20 A, 1-pole, Hy-MagA	12	
EN6804-S	Yes	8.6 kVA	3000mm	20 A, 2-pole, Hy-MagA	3	208V
EN6952	Yes	17.3 kVA	1800mm	20 A, 2-pole, Hy-MagA	6	208V
EN6961	Yes	17.3 kVA	1800mm	20 A, 2-pole, Hy-MagA	10	208V
EN6981	Yes	14.4 kVA	1800mm	20 A, 2-pole, Hy-MagA	6	208V
EN6902	Yes	17.3 kVA	3000mm	20 A, 2-pole, Hy-MagA	6	208V
EN6881	Yes	8.6 kVA	1800mm	20 A, 2-pole, Hy-MagA	3	208V

CatalogNumber	Switched Outlets	Power Rating	Cable Length	Circuit Breaker	Circuit Breaker Quantity	Input Voltage
EN6381	Yes	5.0 kVA	3000mm	20 A, 2-pole, Hy-MagA	2	208V
EN6829	Yes	8.6 kVA	3000mm	20 A, 2-pole, Hy-MagA	3	208V
EN6333	Yes	5.0 kVA	3000mm	20 A, 2-pole, Hy-MagA	2	208V
EN6955	Yes	14.4 kVA	1800mm	20 A, 2-pole, Hy-MagA	9	208V
EN6883	Yes	17.3 kVA North America, 22.1 kVA International	3000mm	20 A, 1-pole, Hy-MagA	6	
EN6851	Yes	8.6 kVA	1800mm	20 A, 2-pole, Hy-MagA	3	208V
EN6804	Yes	8.6 kVA	3000mm	20 A, 2-pole, Hy-MagA	3	208V
EN6982	Yes	17.3 kVA	1800mm	20 A, 2-pole, Hy-MagA	6	208V
EN6833	Yes	17.3 kVA North America, 22.1 kVA International	3000mm	20 A, 1-pole, Hy-MagA	6	
EN6351	Yes	5.0 kVA	3000mm	20 A, 2-pole, Hy-MagA	2	208V
EN6951	Yes	14.4 kVA	1800mm	20 A, 2-pole, Hy-MagA	6	208V
EN6341	Yes	5.0 kVA	3000mm	20 A, 2-pole, Hy-MagA	2	208V
EN69HB	Yes	57.6 kVA North America, 55.2 kVA International	1800mm	20 A, 1-pole, Hy-MagA	12	
EN69HA	Yes	57.6 kVA North America, 69 kVA International	1800mm	20 A, 1-pole, Hy-MagA	16	

Table 3/6						
Catalog Number	Phase	Interrupt Rating	Nominal Voltage	Nominal Power Output	Number of Output Voltages	Amperage (Derated Amperage)

EN6990			415V	230VAC		100 A (80 A) North America, 100 A International
EN6909	3 PH Delta	5kAIC	208V	208VAC	36	60 A (48 A)
EN6324	1 PH	5kAIC	208V	208VAC	24	30A (24A)
EN6829-S	3 PH Delta	5kAIC	208V	208VAC	36	30A (24A)
EN6851-S	3 PH Delta	5kAIC	208V	208VAC		30A (24A)
EN6959			415V	230VAC	36	60 A (48 A) North America, 63 A International
EN6908			415V	230VAC	36	60 A (48 A) North America, 63 A International
EN6804-S	3 PH Delta	5kAIC	208V	208VAC	36	30A (24A)
EN6952	3 PH Delta	5kAIC	208V	208VAC	42	60 A (48 A)
EN6961	3 PH Delta	10kAIC	208V	208VAC	30	60 A (48 A)
EN6981	3 PH Delta	10kAIC	208V	208VAC	36	50 A (40 A)
EN6902	3 PH Delta	5kAIC	208V	208VAC	24	60 A (48 A)
EN6881	3 PH WYE	5kAIC	208V	208VAC	42	30A (24A)
EN6381	1 PH	5kAIC	208V	208VAC	32	30A (24A)
EN6829	3 PH WYE	5kAIC	208V	208VAC	36	30A (24A)
EN6333	1 PH	5kAIC	208V	208VAC	36	30A (24A)
EN6955	3 PH Delta	10kAIC	208V	208VAC	54	50 A (40 A)

EN6883			415V	230VAC	36	30 A (24 A) North America, 32 A International
EN6851	3 PH WYE	5kAIC	208V	208VAC		30A (24A)
EN6804	3 PH WYE	5kAIC	208V	208VAC	36	30A (24A)
EN6982	3 PH Delta	5kAIC	208V	208VAC	36	60 A (48 A)
EN6833			415V	230VAC	36	30 A (24 A) North America, 32 A International
EN6351	1 PH	5kAIC	208V	208VAC	40	30A (24A)
EN6951	3 PH Delta	5kAIC	208V	208VAC	42	50 A (40 A)
EN6341	1 PH	5kAIC	208V	208VAC	18	30A (24A)
EN69HB			415V	230VAC	36	100 A (80 A) North America, 80 A International
EN69HA			415V	230VAC		100 A (80 A) North America, 100 A International

Table 4/6						
Catalog Number	Number of Phases	Rack Units	On/Off Switch Included	Output Voltage	Metering Type	Plug Type
EN6990		0U	Yes	208 – 230VAC	Outlet	IEC 60309 5125P6W (IP67)
EN6909	3	0U	Yes	208VAC	Outlet	IEC 60309 460P9 (IP44)
EN6324	1	0U	Yes	208VAC	Outlet	NEMA L6-30P
EN6829-S	3	0U	Yes	208VAC	Outlet	NEMA L15-30P
EN6851-S	3	0U	Yes	208VAC	Outlet	NEMA L15-30P

CatalogNumber	Number of Phases	Rack Units	On/Off Switch Included	Output Voltage	Metering Type	Plug Type
EN6959		0U	Yes	208 – 230VAC	Outlet	IEC 60309 560P6/563P6
EN6908		0U	Yes	208 – 230VAC	Outlet	Dual Rated IEC 60309 560P6/563P6
EN6804-S	3	0U	Yes	208VAC	Outlet	NEMA L15-30P
EN6952	3	0U	Yes	208VAC	Outlet	IEC 60309 460P9 (IP44)
EN6961	3	0U	Yes	208VAC	Outlet	IEC 60309 460P9 (IP44)
EN6981	3	0U	Yes	208VAC	Outlet	CS8365
EN6902	3	0U	Yes	208VAC	Outlet	IEC 60309 460P9 (IP44)
EN6881	3	0U	Yes	120 – 208VAC	Outlet	NEMA L21-30P
EN6381	1	0U	Yes	208VAC	Outlet	NEMA L6-30P
EN6829	3	0U	Yes	208VAC	Outlet	NEMA L21-30P
EN6333	1	0U	Yes	208VAC	Outlet	NEMA L6-30P
EN6955	3	0U	Yes	208VAC	Outlet	CS8365
EN6883		0U	Yes	208 – 230VAC	Outlet	Dual Rated IEC60309 530/532P6 (IP44)
EN6851	3	0U	Yes	120 – 208VAC	Outlet	NEMA L21-30P
EN6804	3	0U	Yes	120 – 208VAC	Outlet	NEMA L21-30P
EN6982	3	0U	Yes	208VAC	Outlet	IEC 60309 460P9 (IP44)
EN6833		0U	Yes	208 – 230VAC	Outlet	IEC 60309 530P6/532P6

CatalogNumber	Number of Phases	Rack Units	On/Off Switch Included	Output Voltage	Metering Type	Plug Type
EN6351	1	0U	Yes	208VAC	Outlet	NEMA L6-30P
EN6951	3	0U	Yes	208VAC	Outlet	CS8365
EN6341	1	2U	Yes	208VAC	Outlet	NEMA L6-30P
EN69HB		3U	Yes	208 – 230VAC	Outlet	IEC 60309 5125P6W (IP67)
EN69HA		5U	Yes	208 – 230VAC	Outlet	IEC 60309 5125P6W (IP67)

Table 5/6						
Catalog Number	Removable Input Cable	Material	Finish	Height	Width	Depth
EN6990	No	Steel	Powder Coated	2030mm	85mm	85mm
EN6909	No	Steel	Powder Coated	1679mm	56mm	75mm
EN6324	No	Steel	Powder Coated	1780mm	52mm	53mm
EN6829-S	No	Steel	Powder Coated	1679mm	58mm	75mm
EN6851-S	No	Steel	Powder Coated	1780mm	56mm	75mm
EN6959	No	Steel	Powder Coated	1720mm	56mm	75mm
EN6908	No	Steel	Powder Coated	1780mm	56mm	75mm
EN6804-S	No	Steel	Powder Coated	1780mm	52mm	53mm
EN6952	No	Steel	Powder Coated	1780mm	56mm	75mm
EN6961	No	Steel	Powder Coated	1826mm	56mm	75mm
EN6981	No	Steel	Powder Coated	1826mm	56mm	75mm

CatalogNumber	Removable Input Cable	Material	Finish	Height	Width	Depth
EN6902	No	Steel	Powder Coated	1780mm	52mm	53mm
EN6881	No	Steel	Powder Coated	1780mm	56mm	75mm
EN6381	No	Steel	Powder Coated	1490mm	56mm	75mm
EN6829	No	Steel	Powder Coated	1679mm	58mm	75mm
EN6333	No	Steel	Powder Coated	1780mm	52mm	53mm
EN6955	No	Steel	Powder Coated	1780mm	105mm	75mm
EN6883	No	Steel	Powder Coated	1720mm	56mm	75mm
EN6851	No	Steel	Powder Coated	1780mm	56mm	75mm
EN6804	No	Steel	Powder Coated	1780mm	52mm	53mm
EN6982	No	Steel	Powder Coated	1826mm	56mm	75mm
EN6833	No	Steel	Powder Coated	1679mm	56mm	75mm
EN6351	No	Steel	Powder Coated	1490mm	56mm	75mm
EN6951	No	Steel	Powder Coated	1780mm	56mm	75mm
EN6341	No	Steel	Powder Coated	87mm	444mm	269mm
EN69HB	No	Steel	Powder Coated	132mm	444mm	269mm
EN69HA	No	Steel	Powder Coated	222mm	444mm	269mm

Table 6/6			
Catalog Number	Weight	Package Quantity	Input Cable Length
EN6990	25.3kg	1	1.8m

Catalog Number	Weight	Package Quantity	Input Cable Length
EN6909	14kg	1	3m
EN6324	10.2kg	1	3m
EN6829-S	10.8kg	1	3m
EN6851-S	11.1kg	1	1.8m
EN6959		1	1.8m
EN6908	14kg	1	3m
EN6804-S	10.8kg	1	3m
EN6952	13kg	1	1.8m
EN6961	16kg	1	1.8m
EN6981		1	1.8m
EN6902	10.8kg	1	3m
EN6881	11.32kg	1	1.8m
EN6381	9.31kg	1	3m
EN6829	10.8kg	1	3m
EN6333	9.02kg	1	3m
EN6955		1	1.8m
EN6883		1	3m
EN6851	14.5kg	1	1.8m

Catalog Number	Weight	Package Quantity	Input Cable Length
EN6804	10.8kg	1	3m
EN6982	14kg	1	1.8m
EN6833	12.23kg	1	3m
EN6351		1	3m
EN6951	14kg	1	1.8m
EN6341	9.02kg	1	3m
EN69HB		1	1.8m
EN69HA	22.2kg	1	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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