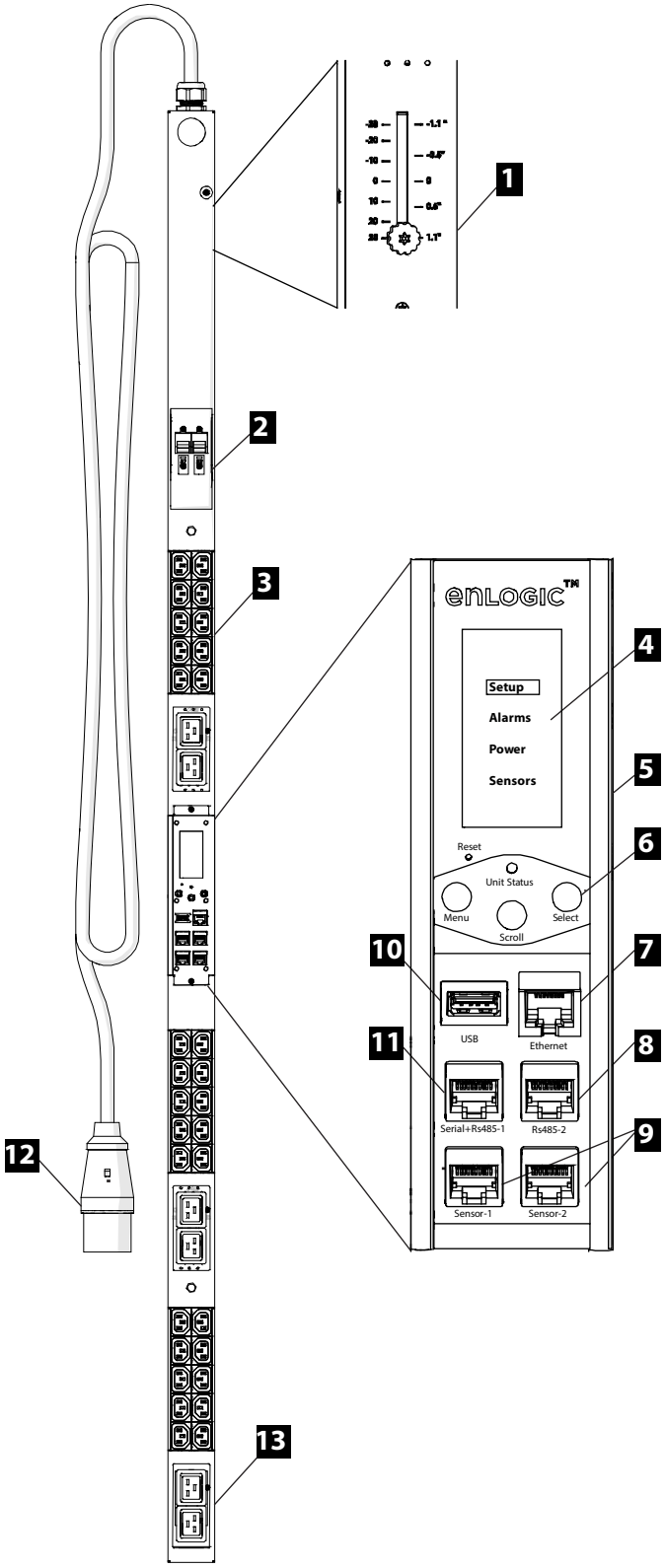
EN Series Product Data Sheet

Models: EN1105, EN1106, EN1108, EN1109, EN1113, EN1115, EN1116, EN1118

Overview

The EN Series Power Distribution Unit (PDU) distributes power to devices in the rack and offers real-time metering and network monitoring of power loads for overload avoidance, capacity & load balancing, and energy use optimization. It can be monitored through Web, Telnet, SNMP, or SSH interfaces. The equipment can be only be used with ITE equipment (e.g. inside server rooms).



Features

1: Toolless mounting.
The Rack PDU has two toolless mounting pegs for 0 U mounting capabilities in a rack or enclosure.

2: Overcurrent protection.
The Rack PDU has two (2) 16 A, 1-pole hydraulic-magnetic circuit breakers

3: Outlets.
These EN Series PDUs have between thirty-six (36) and forty-two (42) outlets.
Refer to the Output Configurations section on page 2 for the number of outlets and outlet types for each model.

4: OLED.
Allows for user to view settings and monitor measurements of the PDU.

5: Hot Swappable Network Management Card

6: Input Buttons.
Allow user to navigate and control the content of the OLED display.

7: Ethernet connection port.
Allows for IP network communication.

8: Rs485-2 Port.
Outbound communications port for connecting additional PDU to an Rs-485 daisy chain group.

9: Sensor Ports.
Connection ports for external environmental sensors such as temperature, humidity, dry contact, door status, and fluid leak.

10: USB Port.
Allows for data transfer using a USB flash drive.

11: Serial+ Rs485-1 Port.
Allows for serial communication connection or IN communications port for connecting the PDU to an existing Rs485 daisy chain group.

12: Power Cord.
Field rewireable, top or front cord option. *1m,3m,5m cord lengths available.*

13: Slim Profile Design

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Specifications

Electrical	
Acceptable input voltage	220–240 VAC +6%, -10%
Input current *(phase)*	32 A
Input frequency	50 Hz
Input power	7.0–7.7 kVA
Input plug	32 A, 3-pin IEC-60309, type 332P6
Input phases	Single input
Output voltage	220–240 VAC
Maximum output current *(phase)*	32 A
Maximum output current *(circuit breaker bank)*	16 A
Maximum output current *(outlet)*	IEC C13: 10A per outlet, 16A per gang IEC C19, CEE 7/4 Schuko, CEE 7/5: 16A BS1363: 13A
Overload protection (internal)	Two (2) 16 A, 1-pole hydraulic-magnetic circuit breakers
Outlet Configurations	EN1105: (30)C13, (6)C19 EN1113: (36)C13, (6)C19 EN1109: (30)C13, (4)C19, (2)BS1363 EN1118: (36)C13, (4)C19, (2)BS1363 EN1108: (30)C13, (4)C19, (2)Schuko CEE 7/4 EN1116: (36)C13, (4)C19, (2)Schuko CEE 7/4 EN1106: (30)C13, (4)C19, (2)French CEE 7/5 EN1115: (36)C13, (4)C19, (2)French CEE 7/5
Physical	
Dimensions *(H x W x D)*	EN1105, EN1106,EN1108, EN1109: 173.0 x 5.5 x 4.4 cm EN1113, EN1115, EN1116, EN1118: 182.6 x 5.5 x 4.4 cm
Weight	EN1105, EN1106,EN1108, EN1109: 7.5 Kg EN1113, EN1115, EN1116, EN1118: 8.5 Kg
Shipping dimensions *(H x W x D)*	EN1105, EN1106, EN1108, EN1109: 196.5 x 17.0 x 11.5 cm EN1113, EN1115, EN1116, EN1118: 206.0 x 17.0 x 11.5 cm
Shipping Weight	EN1105, EN1106,EN1108, EN1109: 9.5 Kg EN1113, EN1115, EN1116, EN1118: 10.5 Kg
Power cord length	3.0 m (factory standard) or 1.0 – 5.0 m (user specified)
Environmental	
Maximum elevation, above MSL *(Operating/Storage)*	0–3,000 m / 0–15,000 m
Temperature *(Operating/Storage)*	–5 to 60°C / –25 to 65°C
Humidity *(Operating/Storage)*	5–95% RH, non-condensing
Compliance	
EMC verification	EN 55022 Class A, EN 55024, EN 61000-3-2, EN 61000-3-3
Safety verification	TÜV , CE , EN/IEC 60950-1
Environmental Verification	ROHS, WEEE

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