

# Intelligent PDU, EN5xxx, 400 VAC, 3-PH

## Data Solutions



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

### FEATURES

Enlogic EN5xxx Intelligent Power Distribution Units monitors input power of the entire PDU and individual outlet monitoring, 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 |
|----------------|----------------|-----------------|--------------|------------------------------------|-----------------|-------|
| EN5402         | Enlogic        | Intelligent PDU | Socket Strip | (18) C13, (6) C19                  | 24              | Black |
| EN5808         | Enlogic        | Intelligent PDU | Socket Strip | (12) C13, (12) C19                 | 24              | Black |
| EN5810         | Enlogic        | Intelligent PDU | Socket Strip | (24) C13, (12) C19                 | 36              | Black |
| EN5850         | Enlogic        | Intelligent PDU | Socket Strip | (24) C13/C15, (24) C13/C15/C19/C21 | 48              | Black |

| CatalogNumber | Product Family | Type            | Product Type | Socket Type        | SocketQuantity | Color |
|---------------|----------------|-----------------|--------------|--------------------|----------------|-------|
| EN5812        | Enlogic        | Intelligent PDU | Socket Strip | (36) C13, (12) C19 | 48             | Black |

Table 2/6

| Catalog Number | Switched Outlets | Circuit Breaker      | Power Rating                                   | Circuit Breaker Quantity | Input Cable Location | Input Voltage |
|----------------|------------------|----------------------|------------------------------------------------|--------------------------|----------------------|---------------|
| EN5402         | No               | No Circuit Breaker   | 11.0 kVA                                       | 0                        | Top Feed             | 380 – 415V    |
| EN5808         | No               | 16 A, 1-pole, Hy-Mag | 22.0 kVA                                       | 6                        | Top Feed             | 380 – 415V    |
| EN5810         | No               | 16 A, 1-pole, Hy-Mag | 22.0 kVA                                       | 6                        | Top Feed             | 380 – 415V    |
| EN5850         | No               | 20 A, 1-pole, Hy-Mag | 17.3 kVA North America, 22.1 kVA International | 6                        | Top Feed             | 380 – 415V    |
| EN5812         | No               | 16 A, 1-pole, Hy-Mag |                                                | 6                        | Top Feed             | 400V          |

Table 3/6

| Catalog Number | Phase    | Interrupt Rating | Nominal Voltage | Max Power Input | On/Off Switch Included | Amperage (Derated Amperage)                   |
|----------------|----------|------------------|-----------------|-----------------|------------------------|-----------------------------------------------|
| EN5402         | 3 PH     |                  | 415V            | 11.0 kVA        | No                     | 16 A                                          |
| EN5808         | 3 PH     |                  | 415V            | 22.0 kVA        | No                     | 32 A                                          |
| EN5810         | 3 PH     |                  | 415V            | 22.0 kVA        | No                     | 32 A                                          |
| EN5850         | 3 PH     |                  | 415V            | 17.3 / 22.1 kVA | No                     | 30 A (24 A) North America, 32 A International |
| EN5812         | 3 PH WYE | 5kAIC            |                 | 22.0 kVA        |                        | 32 A                                          |

Table 4/6

| Catalog Number | Output Voltage | Rack Units | Plug Type              | Metering Type | Removable Input Cable | Material |
|----------------|----------------|------------|------------------------|---------------|-----------------------|----------|
| EN5402         | 230VAC         | 0U         | IEC 60309 516P6 (IP44) | Outlet        | No                    | Steel    |

| CatalogNumber | Output Voltage | Rack Units | Plug Type                 | Metering Type | Removable Input Cable | Material |
|---------------|----------------|------------|---------------------------|---------------|-----------------------|----------|
| EN5808        | 230VAC         | 0U         | IEC 60309<br>532P6 (IP44) | Outlet        | Yes                   | Steel    |
| EN5810        | 230VAC         | 0U         | IEC 60309<br>532P6 (IP44) | Outlet        | No                    | Steel    |
| EN5850        | 208 – 230VAC   | 0U         | IEC 60309<br>530P6/532P6  | Outlet        | No                    | Steel    |
| EN5812        | 200 – 240VAC   | 0U         | IEC 60309<br>532P6 (IP44) | Outlet        | No                    |          |

Table 5/6

| Catalog Number | Finish        | Height | Width | Depth | Weight  | Package Quantity |
|----------------|---------------|--------|-------|-------|---------|------------------|
| EN5402         | Powder Coated | 1780mm | 52mm  | 53mm  | 7.82kg  | 1                |
| EN5808         | Powder Coated | 1780mm | 52mm  | 53mm  |         | 1                |
| EN5810         | Powder Coated | 1780mm | 85mm  | 53mm  | 12.23kg | 1                |
| EN5850         | Powder Coated | 1780mm | 56mm  | 75mm  | 11.93kg | 1                |
| EN5812         |               |        |       |       |         | 1                |

Table 6/6

| Catalog Number | Input Cable Length |
|----------------|--------------------|
| EN5402         | 3m                 |
| EN5808         | 3m                 |
| EN5810         | 3m                 |
| EN5850         | 1.8m               |
| EN5812         |                    |

## 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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