

# 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<br>516P6 (IP44) | 16 A                                                   | No                    | 0U         | Steel    | Powder Coated |
| EN6450         | IEC 60309<br>520P6/516P6  | 20 A (16 A)<br>North America,<br>16 A<br>International | No                    | 0U         | Steel    | Powder Coated |
| EN6403         | IEC 60309<br>516P6 (IP44) | 16 A                                                   | No                    | 0U         |          |               |
| EN6808         | IEC 60309<br>532P6 (IP44) | 32 A                                                   | No                    | 0U         | Steel    | Powder Coated |
| EN6810         | IEC 60309<br>532P6 (IP44) | 32 A                                                   | No                    | 0U         | Steel    | Powder Coated |
| EN6850         | IEC 60309<br>530P6/532P6  | 30 A (24 A)<br>North America,<br>32 A<br>International | No                    | 0U         | Steel    | Powder Coated |
| EN6880         | IEC 60309<br>530P6/532P6  | 30 A (24 A)<br>North America,<br>32 A<br>International | No                    | 0U         | Steel    | Powder Coated |
| EN6910         | IEC 60309<br>560P6/563P6  | 60 A (48 A)<br>North America,<br>63 A<br>International | Yes                   | 0U         | Steel    | Powder Coated |
| EN6950         | IEC 60309<br>560P6/563P6  | 60 A (48 A)<br>North America,<br>63 A<br>International | No                    | 0U         | Steel    | Powder Coated |

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