









# ECO PDU

## PE6324L

- The NRGence PE6324L eco PDUs are low profile intelligent PDUs that contain 24 AC outlets and are available in various IEC or NEMA socket configurations. The low profile series has a smaller input region on the PDU to provide more installation space for data centers.

The PE6324L eco PDUs offers remote power control with real-time power measurement - allowing you to monitor the power status of devices attached to the PDUs, either at the PDU device or Bank level, from practically any location via a TCP/IP connection. The power status of each outlet can be set individually, allowing users to switch each device On/Off.

NRGence eco PDU supports any 3rd party v1, v2 & v3 SNMP Manager Software and ATEN eco Sensors (eco PDU Manager Software). eco Sensors provides you with an easy method for managing multiple devices, offering an intuitive and user-friendly Graphical User Interface that allows you to configure a PDU device and monitor power status of the equipment connected to it.

| Model     | Input Power Plug  | Outlet Type   | Input Voltage |
|-----------|---|---|---------------|
| PE6324LB  |  NEMA L6-30P   | (21)  IEC 320 C13<br>(3)  IEC 320 C19 | 100-240V      |
| PE6324LG  |  IEC 60309 32A | (21)  IEC 320 C13<br>(3)  IEC 320 C19 | 100-240V      |
| PE6324LJA |  NEMA L5-30P   | (24)  NEMA 5-15R   | 100-120V      |



eco Sensors Software



Bank Level Metering



Outlet Switch Control






Proactive Overload Protection(POP)



Low Profile Dimension

# ECO PDU

## PE6324LB

|                       |   |
|-----------------------|---|
| Description:          | 100-240V 30A 0U 24-Outlet PDU   |
| Function:             | 0-Outlet Metering,<br>24-Outlet Switching Control &<br>2-Bank Metering  |
| Input Power Plug:     | NEMA L6-30P    |
| Power Capacity:       | 6.2 kW  |
| Socket Configuration: | IEC 60320 C13  (21)<br>IEC 60320 C19  (3) |

## Features

### Connections

- Support 10/100Mbit Ethernet Interface
- Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, SNMP V1,V2&V3, Telnet
- Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Support : eco Sensors, Browser (IE, Firefox, Chrome, Safari)

### Metering

- Bank level power metering and monitoring
- Environment Monitoring : support external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting

### Outlet Switch Control

- Remote power outlet control ( On/Off, Power Cycle) by individual outlets and outlet groups
- Support multiple power control methods – Wake on LAN, System After AC Back, Kill the Power
- Power-On sequencing – users can set the power on sequence and delay time for each outlet to allow equipment to be turned on in the proper order
- Proactive Overload Protection (POP) – automatically powers off outlets when current overloads to protect operating devices



## Specifications

| Model                             | PE6324LB  |
|-----------------------------------|---|
| <b>Electrical</b>                 |   |
| Nominal Input Voltage             | 100 – 240 VAC   |
| Maximum Input Current             | 30A Max ; 24A(UL de-rated)  |
| Input Frequency                   | 50-60 Hz  |
| Input Connection                  | 1 x NEMA L6-30P   |
| Input Power                       | 6240 VA(Max) ; 4992 VA(UL de-rated)   |
| Outlet Type                       | Total : 21 x IEC320 C13 + 3 x IEC320 C19<br>Bank1-1 : Outlet 1 – 8 ; 7 x C13 + 1 x C19<br>Bank1-2 : Outlet 9 – 16 ; 7 x C13 + 1 x C19<br>Bank2 : Outlet 17 – 24 ; 7 x C13 + 1 x C19 |
| Nominal Output Voltage            | 100 – 240 VAC   |
| Maximum Output Current (Outlet)   | C13 : 15A(Max) ; 12A(UL de-rated)<br>C19 : 15A(Max) ; 12A(UL de-rated)  |
| Maximum Output Current (Bank)     | 15A(Max) ; 12A(UL de-rated)   |
| Maximum Output Current (Total)    | 30A(Max) ; 24A(UL de-rated)   |
| Breakers                          | 2 x 16A Slim Breaker  |
| Metering                          | Per Bank level Current, Voltage, VA , PF and KWh Monitoring   |
| Outlet Switching                  | Yes   |
| Environment Sensor Port           | 2   |
| Metering Accuracy                 | Voltage range: 100VAC ~ 250VAC +/-1%<br>Power range: 100W ~ 5000W +/- 2%<br>Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%   |
| <b>Mechanical</b>                 |   |
| Dimension (H x W x D)             | 177.5 x 6.6 x 4.4 cm  |
| Shipping Dimensions ( H x W x D)  | 189 x 21 x 17 cm  |
| Weight/Shipping Weight            | 6.2 / 10.2 kg   |
| Power Cord Length                 | 1.6 m   |
| <b>Environmental</b>              |   |
| Temperature (Operating / Storage) | 0 to 50°C / -20 to 60°C   |
| Humidity (Operating & Storage)    | 0 – 80% RH, Non-Condensing  |
| <b>Compliance</b>                 |   |
| EMC Verification                  | FCC Part 15 Class A, Others by Request  |
| Safety Verification               | By Request  |

## Package Contents

1. PE6324LB eco PDU
2. Mounting Kit
3. User Instructions
4. CD-ROM (Manual, eco Sensors software)

## Optional Accessories

### Environment Sensors

| Part No. | Sensor                              |
|----------|-------------------------------------|
| EA1140   | Temperature                         |
| EA1240   | Temperature / Humidity              |
| EA1340   | Differential Pressure / Temperature |

### Cable Holders

| Part No. | Description                                      |
|----------|--|
| 2X-EA07  | Lok-U-Plug Cable Holder<br>(10 pcs per pack)     |
| 2X-EA08  | Lok-U-Plug Installation Tool<br>(4 pcs per pack) |

### Mounting Kit

| Part No. | Item                        |
|----------|-----------------------------|
| 2X-015G  | Double Mount Rail           |
| 2X-016G  | Slide Rail Kit              |
| 2X-017G  | Button Mount Kit            |
| 2X-018G  | Side Panel Mount Kit        |
| 2X-019G  | Side Panel Double Mount Kit |

**Note:** Please refer to P.8 for more information about Optional Accessories.

# ECO PDU

## PE6324LG

|                       |   |
|-----------------------|---|
| Description:          | 100-240V 32A 0U 24-Outlet PDU                                       |
| Function:             | 0-Outlet Metering,<br>24-Outlet Switch Control & 2-Bank<br>Metering |
| Input Power Plug:     | IEC 60309 32A   |
| Power Capacity:       | 7.4 kW  |
| Socket Configuration: | IEC 60320 C13  (21)<br>IEC 60320 C19  (3)                           |

## Features

### Connections

- Support 10/100Mbit Ethernet Interface
- Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, SNMP V1,V2&V3,Telnet
- Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Support : eco Sensors, Browser (IE, Firefox, Chrome, Safari)

### Metering

- Bank level power metering and monitoring
- Environment Monitoring : support external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting

### Outlet Switch Control

- Remote power outlet control ( On/Off, Power Cycle) by individual outlets and outlet groups
- Support multiple power control methods – Wake on LAN, System After AC Back, Kill the Power
- Power-On sequencing – users can set the power on sequence and delay time for each outlet to allow equipment to be turned on in the proper order
- Proactive Overload Protection (POP) – automatically powers off outlets when current overloads to protect operating devices



## Specifications

| Model                             | PE6324LG  |
|-----------------------------------|---|
| <b>Electrical</b>                 |   |
| Nominal Input Voltage             | 100 – 240 VAC   |
| Maximum Input Current             | 32A Max   |
| Input Frequency                   | 50-60 Hz  |
| Input Connection                  | IEC 60309 32A   |
| Input Power                       | 7360 VA(Max)  |
| Outlet Type                       | Total : 21 x IEC320 C13 + 3 x IEC320 C19<br>Bank1-1 : Outlet 1 – 8 ; 7 x C13 + 1 x C19<br>Bank1-2 : Outlet 9 – 16 ; 7 x C13 + 1 x C19<br>Bank2 : Outlet 17 – 24 ; 7 x C13 + 1 x C19 |
| Nominal Output Voltage            | 100 – 240 VAC   |
| Maximum Output Current (Outlet)   | C13 : 10A(Max)<br>C19 : 16A(Max)  |
| Maximum Output Current (Bank)     | 16A(Max)  |
| Maximum Output Current (Total)    | 32A(Max)  |
| Breakers                          | 2 x 16A Slim Breaker  |
| Metering                          | Per Bank level Current, Voltage, VA , PF and KWh Monitoring   |
| Outlet Switching                  | Yes   |
| Environment Sensor Port           | 2   |
| Metering Accuracy                 | Voltage range: 100VAC ~ 250VAC +/-1%<br>Power range: 100W ~ 5000W +/- 2%<br>Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%   |
| <b>Mechanical</b>                 |   |
| Dimension (H x W x D)             | 177.5 x 6.6 x 4.4 cm  |
| Shipping Dimensions ( H x W x D)  | 189 x 21 x 17 cm  |
| Weight/Shipping Weight            | 6.2 / 10.2 kg   |
| Power Cord Length                 | 1.6 m   |
| <b>Environmental</b>              |   |
| Temperature (Operating / Storage) | 0 to 40°C / -20 to 60°C   |
| Humidity (Operating & Storage)    | 0 – 80% RH, Non-Condensing  |
| <b>Compliance</b>                 |   |
| EMC Verification                  | CE, Others by Request   |
| Safety Verification               | CE-LVD, Others by Request   |

## Package Contents

1. PE6324LG eco PDU
2. Mounting Kit
3. User Instructions
4. CD-ROM (Manual, eco Sensors software)

## Optional Accessories

### Environment Sensors

| Part No. | Sensor                              |
|----------|-------------------------------------|
| EA1140   | Temperature                         |
| EA1240   | Temperature / Humidity              |
| EA1340   | Differential Pressure / Temperature |

### Cable Holders

| Part No. | Description                                      |
|----------|--|
| 2X-EA07  | Lok-U-Plug Cable Holder<br>(10 pcs per pack)     |
| 2X-EA08  | Lok-U-Plug Installation Tool<br>(4 pcs per pack) |



### Mounting Kit

| Part No. | Item                        |
|----------|-----------------------------|
| 2X-015G  | Double Mount Rail           |
| 2X-016G  | Slide Rail Kit              |
| 2X-017G  | Button Mount Kit            |
| 2X-018G  | Side Panel Mount Kit        |
| 2X-019G  | Side Panel Double Mount Kit |

**Note:** Please refer to P.8 for more information about Optional Accessories.

# ECO PDU

## PE6324LJA

|                       |  |
|-----------------------|--|
| Description:          | 100-120V 30A 0U 24-Outlet PDU  |
| Function:             | 0-Outlet Metering,<br>24-Outlet Switching Control &<br>2-Bank Metering                           |
| Input Power Plug:     | NEMAL5-30P      |
| Power Capacity:       | 3.6 kW   |
| Socket Configuration: | NEMA5-15R  (24) |

## Features

### Connections

- Support 10/100Mbit Ethernet Interface
- Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, SNMP V1,V2&V3,Telnet
- Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Support : eco Sensors, Browser (IE, Firefox, Chrome, Safari)

### Metering

- Bank level power metering and monitoring
- Environment Monitoring : support external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting

### Outlet Switch Control

- Remote power outlet control ( On/Off, Power Cycle) by individual outlets and outlet groups
- Support multiple power control methods – Wake on LAN, System After AC Back, Kill the Power
- Power-On sequencing – users can set the power on sequence and delay time for each outlet to allow equipment to be turned on in the proper order
- Proactive Overload Protection (POP) – automatically powers off outlets when current overloads to protect operating devices



## Specifications

| Model                             | PE6324LJA   |
|-----------------------------------|---|
| <b>Electrical</b>                 |   |
| Nominal Input Voltage             | 100 – 120 VAC   |
| Maximum Input Current             | 30A Max ; 24A(UL de-rated)  |
| Input Frequency                   | 50-60 Hz  |
| Input Connection                  | 1 x NEMAL5-30P  |
| Input Power                       | 3.6k VA(Max) ; 2.9k VA(UL de-rated)   |
| Outlet Type                       | Total : 24 x NEMA5-15R<br>Bank1-1 : Outlet 1 – 8 ; 8 x NEMA5-15R<br>Bank1-2 : Outlet 9 – 16 ; 8 x NEMA5-15R<br>Bank2 : Outlet 17 – 24 ; 8 x NEMA5-15R |
| Nominal Output Voltage            | 100 – 120 VAC   |
| Maximum Output Current (Outlet)   | NEMA 5-15R : 15A(Max) ; 12A(UL de-rated)  |
| Maximum Output Current (Bank)     | 15A(Max) ; 12A(UL de-rated)   |
| Maximum Output Current (Total)    | 30A(Max) ; 24A(UL de-rated)   |
| Breakers                          | 2 x 16A Slim Breaker  |
| Metering                          | Per Bank level Current, Voltage, VA , PF and KWh Monitoring   |
| Outlet Switching                  | Yes   |
| Environment Sensor Port           | 2   |
| Metering Accuracy                 | Voltage range: 100VAC ~ 120VAC +/-1%<br>Power range: 100W ~ 5000W +/- 2%<br>Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%                             |
| <b>Mechanical</b>                 |   |
| Dimension (H x W x D)             | 177.5 x 6.6 x 4.4 cm  |
| Shipping Dimensions (H x W x D)   | 189 x 21 x 17 cm  |
| Weight/Shipping Weight            | 6.1 / 10.1 kg   |
| Power Cord Length                 | 1.6 m   |
| <b>Environmental</b>              |   |
| Temperature (Operating / Storage) | 0 to 50°C / -20 to 60°C   |
| Humidity (Operating & Storage)    | 0 – 80% RH, Non-Condensing  |
| <b>Compliance</b>                 |   |
| EMC Verification                  | J55022, Others by Request   |
| Safety Verification               | PSE, Others by Request  |

## Package Contents

1. PE6324LJA eco PDU
2. Mounting Kit
3. User Instructions
4. CD-ROM (Manual, eco Sensors software)

## Optional Accessories

### Environment Sensors

| Part No. | Sensor                              |
|----------|-------------------------------------|
| EA1140   | Temperature                         |
| EA1240   | Temperature / Humidity              |
| EA1340   | Differential Pressure / Temperature |

### Cable Holders

| Part No. | Description                                   |
|----------|---|
| 2X-EA07  | Lok-U-Plug Cable Holder (10 pcs per pack)     |
| 2X-EA08  | Lok-U-Plug Installation Tool (4 pcs per pack) |

### Mounting Kit


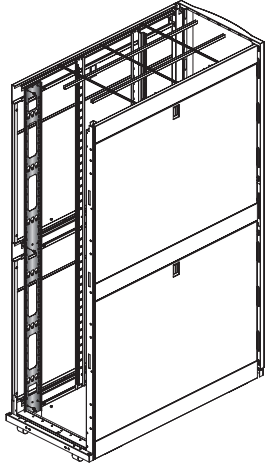

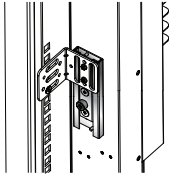

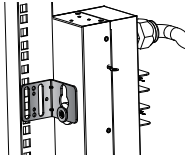



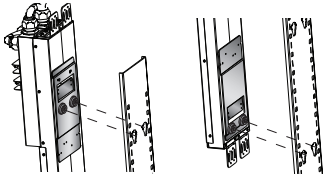
| Part No. | Item                        |
|----------|-----------------------------|
| 2X-015G  | Double Mount Rail           |
| 2X-016G  | Slide Rail Kit              |
| 2X-017G  | Button Mount Kit            |
| 2X-018G  | Side Panel Mount Kit        |
| 2X-019G  | Side Panel Double Mount Kit |

**Note:** Please refer to P.8 for more information about Optional Accessories.

## Optional Accessories

| Type                | Part No. | Description                                   | Images | Installation |
|---------------------|----------|---|--------|--------------|
| Environment Sensors | EA1140   | Temperature                                   |        |              |
|                     | EA1240   | Temperature / Humidity                        |        |              |
|                     | EA1340   | Differential Pressure / Temperature           |        |              |
| Door Sensors        | EA1440   | Photo Door Sensor                             |        |              |
|                     | EA1441   | Inductive Proximity Door Sensor               |        |              |
|                     | EA1442   | Reed Door Sensor                              |        |              |
| Cable Holders       | 2X-EA07  | Lok-U-Plug Cable Holder (10 pcs per pack)     |        |              |
|                     | 2X-EA08  | Lok-U-Plug Installation Tool (4 pcs per pack) |        |              |



| Type           | Part No. | Description                 | Images   | Installation  |
|----------------|----------|-----------------------------|--|---|
| Rack Mount Kit | 2X-015G  | Double Mount Rail           |     |    |
|                | 2X-016G  | Slide Rail Kit              |   |   |
|                | 2X-017G  | Button Mount Kit            |  |  |
|                | 2X-018G  | Side Panel Mount Kit        |  |  |
|                | 2X-019G  | Side Panel Double Mount Kit |  |  |

