

## ECO PDU

### PE7214/PE7216/PE7324/PE7328

- As part of its NRGence line, ATEN has developed a new generation of green energy power distribution units (eco PDUs) to effectively increase the efficiency of data center power usage. The NRGence PE7214 / PE7216 / PE7324 / PE7328 eco PDUs are intelligent PDUs that contain 14, 16, 24, or 28 AC outlets and are available in various IEC socket configurations.

NRGence eco PDUs provide secure, centralized, intelligent, power management (power on, off, cycle) of data center IT equipment (servers, storage systems, KVM switches, network devices, serial data devices, etc.), as well as the ability to monitor the center's health environment via sensors.

NRGence eco PDUs offer remote power control combined with real-time power measurement – allowing you to control and monitor the power status of devices attached to the PDUs, either at the PDU device, bank, or outlet level, depending on the model, from practically any location via a TCP/IP connection.

NRGence eco PDU supports any 3rd party V3 SNMP Manager Software and NRGence 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.

With its advanced security features and ease of operation, the eco PDU is the most convenient, most reliable, and most cost effective way to remotely manage power access for multiple computer installations and allocate power resources in the most efficient way possible.

## ECO PDU PE7214B

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Description:      | 100-240V 20A 0U 14-Outlet PDU                                                                        |
| Function:         | 14-Outlet Metering,<br>0-Outlet Switching Control & 1-Bank<br>Metering                               |
| Input Power Plug: | NEMA 6-20P          |
| Power Capacity:   | 4.2 kW                                                                                               |
| Socket            | IEC 60320 C19 (2)   |
| Configuration:    | IEC 60320 C13 (12)  |

## 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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE7214B                                                                                                                   |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b>                 |                                                                                                                           |
| Nominal Input Voltage             | 100 – 240 VAC                                                                                                             |
| Maximum Input Current             | 20A Max ; 16A (UL de-rated)                                                                                               |
| Input Frequency                   | 50-60 Hz                                                                                                                  |
| Input Connection                  | 1 x NEMA 6-20P                                                                                                            |
| Input Power                       | 4160 VA(Max) 3328 VA (UL de-rated)                                                                                        |
| Outlet Type                       | Total : 12 x IEC320 C13 + 2 x IEC320 C19<br>Bank1 : Outlet 1 – 14 ; 12 x C13 + 2 x C19                                    |
| Nominal Output Voltage            | 100 – 240 VAC                                                                                                             |
| Maximum Output Current (Outlet)   | C13 : 15A (Max) 12A(UL de-rated)<br>C19 : 20A (Max) 16A(UL de-rated)                                                      |
| Maximum Output Current (Bank)     | 20A(Max) 16A (UL de-rated)                                                                                                |
| Maximum Output Current (Total)    | 20A(Max) 16A (UL de-rated)                                                                                                |
| Breakers                          | 1 x 20A Non-Fuse breaker                                                                                                  |
| Metering                          | Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                 |
| Outlet Switch                     | None                                                                                                                      |
| Environment Sensor Port           | 4                                                                                                                         |
| 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)             | 91 x 6.6 x 4.4 cm                                                                                                         |
| Shipping Dimensions ( H x W x D)  | 100 x 19 x 17 cm                                                                                                          |
| Weight/Shipping Weight            | 2.7 / 3.8 kg                                                                                                              |
| Power Cord Length                 | 3 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. PE7214B
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)
5. Power Cord

## Optional Accessories

### Environment Sensors

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

### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

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

### • Lok-U-Plug Installation



### Mounting Kit



Side Panel Mount Kit (2X-018G)



2X-018G



Rack Mount Kit

## ECO PDU PE7214G

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Description:      | 100-240V 16A 0U 14-Outlet PDU                                                                        |
| Function:         | 14-Outlet Metering,<br>0-Outlet Switching Control & 1-Bank<br>Metering                               |
| Input Power Plug: | IEC 60320 C20       |
| Power Capacity:   | 3.7 kW                                                                                               |
| Socket            | IEC 60320 C19 (2)   |
| Configuration:    | IEC 60320 C13 (12)  |

## 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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE 7214G                                                                                                                  |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b>                 |                                                                                                                           |
| Nominal Input Voltage             | 100 – 240 VAC                                                                                                             |
| Maximum Input Current             | 16A Max                                                                                                                   |
| Input Frequency                   | 50-60 Hz                                                                                                                  |
| Input Connection                  | 1 x IEC60320 C20                                                                                                          |
| Input Power                       | 3680 VA(Max)                                                                                                              |
| Outlet Type                       | Total : 12 x IEC320 C13 + 2 x IEC320 C19<br>Bank1 : Outlet 1 – 14 ; 12 x C13 + 2 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)    | 16A(Max)                                                                                                                  |
| Breakers                          | 1 x 16A Non-Fuse breaker                                                                                                  |
| Metering                          | Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                 |
| Outlet Switch                     | None                                                                                                                      |
| Environment Sensor Port           | 4                                                                                                                         |
| 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)             | 91 x 6.6 x 4.4 cm                                                                                                         |
| Shipping Dimensions ( H x W x D)  | 100 x 19 x 17 cm                                                                                                          |
| Weight/Shipping Weight            | 2.7 / 3.8 kg                                                                                                              |
| Power Cord Length                 | 3 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. PE7214G
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)
5. Power Cord

## Optional Accessories

### Environment Sensors

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

### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

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

#### • Lok-U-Plug Installation



### Mounting Kit



Side Panel Mount Kit (2X-018G)



2X-018G



Rack Mount Kit

## ECO PDU

### PE7216B

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Description:      | 100-240V 20A 0U 16-Outlet PDU                                                                        |
| Function:         | 16-Outlet Metering,<br>0-Outlet Switching Control & 1-Bank<br>Metering                               |
| Input Power Plug: | NEMA 6-20P          |
| Power Capacity:   | 4.2 kW                                                                                               |
| Socket            | IEC 60320 C19 (2)   |
| Configuration:    | IEC 60320 C13 (14)  |

## 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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE7216B                                                                                                                              |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b>                 |                                                                                                                                      |
| Nominal Input Voltage             | 100 – 240 VAC                                                                                                                        |
| Maximum Input Current             | 20A Max ; 16A (UL de-rated)                                                                                                          |
| Input Frequency                   | 50-60 Hz                                                                                                                             |
| Input Connection                  | 1 x NEMA 6-20P                                                                                                                       |
| Input Power                       | 4160 VA(Max) 3328 VA (UL de-rated)                                                                                                   |
| Outlet Type                       | Total : 14 x IEC320 C13 + 2 x IEC320 C19<br>Ban1-1 : Outlet 1 – 8 ; 7 x C13 + 1 x C19<br>Bank1-2 : Outlet 9 – 16 ; 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 : 20A (Max) 16A(UL de-rated)                                                                 |
| Maximum Output Current (Bank)     | 20A(Max) 16A (UL de-rated)                                                                                                           |
| Maximum Output Current (Total)    | 20A(Max) 16A (UL de-rated)                                                                                                           |
| Breakers                          | 1 x 20A Non-Fuse breaker                                                                                                             |
| Metering                          | Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                            |
| Outlet Switch                     | None                                                                                                                                 |
| Environment Sensor Port           | 4                                                                                                                                    |
| 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)             | 132.5 x 6.6 x 4.4 cm                                                                                                                 |
| Shipping Dimensions (H x W x D)   | 142 x 16 x 17 cm                                                                                                                     |
| Weight/Shipping Weight            | 3.7 / 7.7 kg                                                                                                                         |
| Power Cord Length                 | 3 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               | TUV-CB, Others by Request                                                                                                            |

## Package Contents

1. PE7216B
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)
5. Power Cord

## Optional Accessories

### Environment Sensors

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

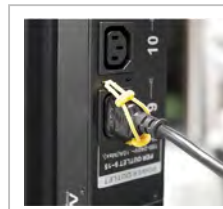
### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

| Part No. | Description                                                               |
|----------|---------------------------------------------------------------------------|
| 2X-EA07  | Lok-U-Plug Cable Holder (10 pcs per pack) <a href="#">Patent Pending!</a> |
| 2X-EA08  | Lok-U-Plug Installation Tool (4 pcs per pack)                             |

### • Lok-U-Plug Installation



### Mounting Kit



Side Panel Mount Kit (2X-018G)



2X-018G



Rack Mount Kit

## ECO PDU PE7216G

|                   |                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------|
| Description:      | 100-240V 16A 0U 16-Outlet PDU                                                                        |
| Function:         | 16-Outlet Metering,<br>0-Outlet Switching Control &<br>1-Bank Metering                               |
| Input Power Plug: | IEC 60320 C20       |
| Power Capacity:   | 3.7 kW                                                                                               |
| Socket            | IEC 60320 C19 (2)   |
| Configuration:    | IEC 60320 C13 (14)  |

### 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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

#### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE7216G                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b>                 |                                                                                                                                       |
| Nominal Input Voltage             | 100 – 240 VAC                                                                                                                         |
| Maximum Input Current             | 16A Max                                                                                                                               |
| Input Frequency                   | 50-60 Hz                                                                                                                              |
| Input Connection                  | 1 x IEC60320 C20                                                                                                                      |
| Input Power                       | 3680 VA(Max)                                                                                                                          |
| Outlet Type                       | Total : 14 x IEC320 C13 + 2 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 |
| Nominal Output Voltage            | 100 – 240 VAC                                                                                                                         |
| Maximum Output Current (Outlet)   | C13 : 10A (Max)<br>C19 : 16A (Max), TUV De-rated 15A(Max)                                                                             |
| Maximum Output Current (Bank)     | 16A(Max), TUV De-rated 15A(Max)                                                                                                       |
| Maximum Output Current (Total)    | 16A(Max). TUV De-rated 15A(Max)                                                                                                       |
| Breakers                          | 1 x 16A Non-Fuse breaker                                                                                                              |
| Metering                          | Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                             |
| Outlet Switch                     | None                                                                                                                                  |
| Environment Sensor Port           | 4                                                                                                                                     |
| 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)             | 132.5 x 6.6 x 4.4 cm                                                                                                                  |
| Shipping Dimensions (H x W x D)   | 142 x 16 x 17 cm                                                                                                                      |
| Weight/Shipping Weight            | 3.7 / 7.7 kg                                                                                                                          |
| Power Cord Length                 | 3 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               | TUV-CB, CE-LVD, Others by Request                                                                                                     |

## Package Contents

1. PE7216G
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)
5. Power Cord

## Optional Accessories

### Environment Sensors

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

### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

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

### • Lok-U-Plug Installation



### Mounting Kit



Side Panel Mount Kit (2X-018G)



2X-018G



Rack Mount Kit

# ECO PDU

## PE7324B

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

## 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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE7324B                                                                                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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                  | 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 UL489 Breaker                                                                                                                                                               |
| Metering                          | Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                                                                           |
| Outlet Switch                     | None                                                                                                                                                                                |
| Environment Sensor Port           | 4                                                                                                                                                                                   |
| 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            | 6.5 / 10.5 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               | TUV-CB, Others by Request                                                                                                                                                           |

### Package Contents

1. PE7324B
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)



Rack Mount Kit

## Optional Accessories

### Environment Sensors

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

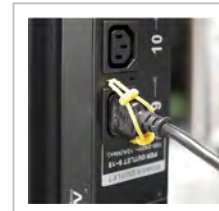
### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

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

#### • Lok-U-Plug Installation



### Mounting Kit



Slide Rail Kit (2X-016G)



Button Mount Kit (2X-017G)



Side Panel Mount Kit(2X-018G)



Side Panel Double Mount Kit(2X-019G)

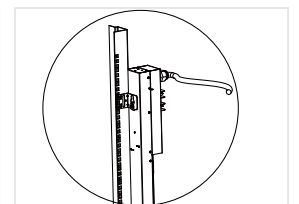
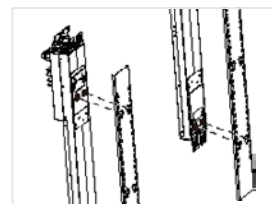
#### • Side Mount Installation



2X-018G

#### • Side Panel Double Mount Installation

#### • Button Mount Installation



# ECO PDU

## PE7324G

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

## 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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE7324G                                                                                                                                                                             |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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)                                                                                                                                                                     |
| Maximum Output Current (Bank)     | C19 : 16A (Max), TUV De-rated 15A(Max)                                                                                                                                              |
| Maximum Output Current (Total)    | 16A(Max), TUV De-rated 15A(Max)                                                                                                                                                     |
| Breakers                          | 32A(Max), TUV De-rated 30A(Max)                                                                                                                                                     |
| Metering                          | 2 x 16A UL489 Breaker<br>Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                                                  |
| Outlet Switch                     | None                                                                                                                                                                                |
| Environment Sensor Port           | 4                                                                                                                                                                                   |
| 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               | TUV-CB, CE-LVD, Others by Request                                                                                                                                                   |

### Package Contents

1. PE7324G
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)



Rack Mount Kit

## Optional Accessories

### Environment Sensors

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

### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

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

#### • Lok-U-Plug Installation



### Mounting Kit


Slide Rail Kit  
(2X-016G)

Button Mount Kit  
(2X-017G)

Side Panel Mount  
Kit(2X-018G)

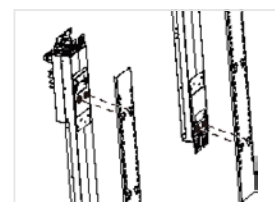
Side Panel Double  
Mount Kit(2X-019G)

#### • Side Mount Installation

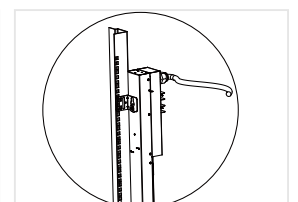


2X-018G

#### • Side Panel Double Mount Installation



#### • Button Mount Installation



# ECO PDU

## PE7328B

|                   |                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------|
| Description:      | 100-240V 30A 0U 28-Outlet PDU                                                                         |
| Function:         | 28-Outlet Metering,<br>0-Outlet Switching Control &<br>2-Bank Metering                                |
| Input Power Plug: | NEMA L6-30P          |
| Power Capacity:   | 6.2 kW                                                                                                |
| Socket            | IEC 60320 C19 ( 4 )  |
| Configuration:    | IEC 60320 C13 (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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE7328B                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <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                  | NEMA L6-30P                                                                                                                           |
| Input Power                       | 6240 VA(Max) 4992 VA (UL de-rated)                                                                                                    |
| Outlet Type                       | Total : 24 x IEC320 C13 + 4 x IEC320 C19<br>Bank1 : Outlet 1 – 14 ; 12 x C13 + 2 x C19<br>Bank2 : Outlet 15 – 28 ; 12 x C13 + 2 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 UL489 Breaker                                                                                                                 |
| Metering                          | Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                             |
| Outlet Switch                     | None                                                                                                                                  |
| Environment Sensor Port           | 4                                                                                                                                     |
| 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)             | 135.9 x 6.6 x 4.4 cm                                                                                                                  |
| Shipping Dimensions (H x W x D)   | 142 x 16 x 17 cm                                                                                                                      |
| Weight/Shipping Weight            | 4.1 / 7.9 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               | TUV-CB, Others by Request                                                                                                             |

### Package Contents

1. PE7328B PDU
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)



Rack Mount Kit

## Optional Accessories

### Environment Sensors

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

### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

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

#### • Lok-U-Plug Installation



### Mounting Kit



Side Panel Mount Kit(2X-018G)



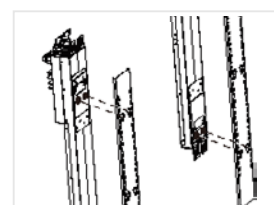
Side Panel Double Mount Kit(2X-019G)

#### • Side Mount Installation



2X-018G

#### • Side Panel Double Mount Installation



## ECO PDU PE7328G

|                   |                                                                                                       |
|-------------------|-------------------------------------------------------------------------------------------------------|
| Description:      | 100-240V 32A 0U 28-Outlet PDU                                                                         |
| Function:         | 28-Outlet Metering,<br>0-Outlet Switch Control & 2-Bank<br>Metering                                   |
| Input Power Plug: | IEC 60309 32A        |
| Power Capacity:   | 7.4 kW                                                                                                |
| Socket            | IEC 60320 C19 ( 4 )  |
| Configuration:    | IEC 60320 C13 (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

- PDU and outlet level power metering and monitoring
- Environment monitoring – supports external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

#### Outlet Switch Control

- Always On



## Specifications

| Model                             | PE7328G                                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <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 : 24 x IEC320 C13 + 4 x IEC320 C19<br>Bank1 : Outlet 1 – 14 ; 12 x C13 + 2 x C19<br>Bank2 : Outlet 15 – 28 ; 12 x C13 + 2 x C19 |
| Nominal Output Voltage            | 100 – 240 VAC                                                                                                                         |
| Maximum Output Current (Outlet)   | C13 : 10A (Max)<br>C19 : 16A (Max), TUV De-rated 15A(Max)                                                                             |
| Maximum Output Current (Bank)     | 16A(Max)                                                                                                                              |
| Maximum Output Current (Total)    | 32A(Max)                                                                                                                              |
| Breakers                          | 2 x 16A UL489 Breaker                                                                                                                 |
| Metering                          | Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                             |
| Outlet Switch                     | None                                                                                                                                  |
| Environment Sensor Port           | 4                                                                                                                                     |
| 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)             | 135.9 x 6.6 x 4.4 cm                                                                                                                  |
| Shipping Dimensions (H x W x D)   | 142 x 16 x 17 cm                                                                                                                      |
| Weight/Shipping Weight            | 4.1 / 7.9 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               | TUV-CB, CE-LVD, Others by Request                                                                                                     |

### Package Contents

1. PE7328G PDU
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)



Rack Mount Kit

## Optional Accessories

### Environment Sensors

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

### Door Sensors

| Part No. | Sensor                          |
|----------|---------------------------------|
| EA1440   | Photo Door Sensor               |
| EA1441   | Inductive Proximity Door Sensor |
| EA1442   | Reed Door Sensor                |

### Cable Holders

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

#### • Lok-U-Plug Installation



### Mounting Kit



Side Panel Mount Kit(2X-018G)

Side Panel Double Mount Kit(2X-019G)

#### • Side Mount Installation



2X-018G

#### • Side Panel Double Mount Installation



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