

## PE7328

eco PDU



As part of its NRGence line, ATEN has developed a new generation of green energy power distribution units (eco [PDU](#)s) to effectively increase the efficiency of [data center](#) power usage. The NRGence PE7328 eco [PDU](#)s are intelligent [PDU](#)s that contain 28 AC outlets and are available in various IEC socket configurations.

NRGence eco [PDU](#)s 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 [PDU](#)s offer [remote power control](#) combined with real-time power measurement — allowing you to control and monitor the power status of devices attached to the [PDU](#)s, 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.

### Features

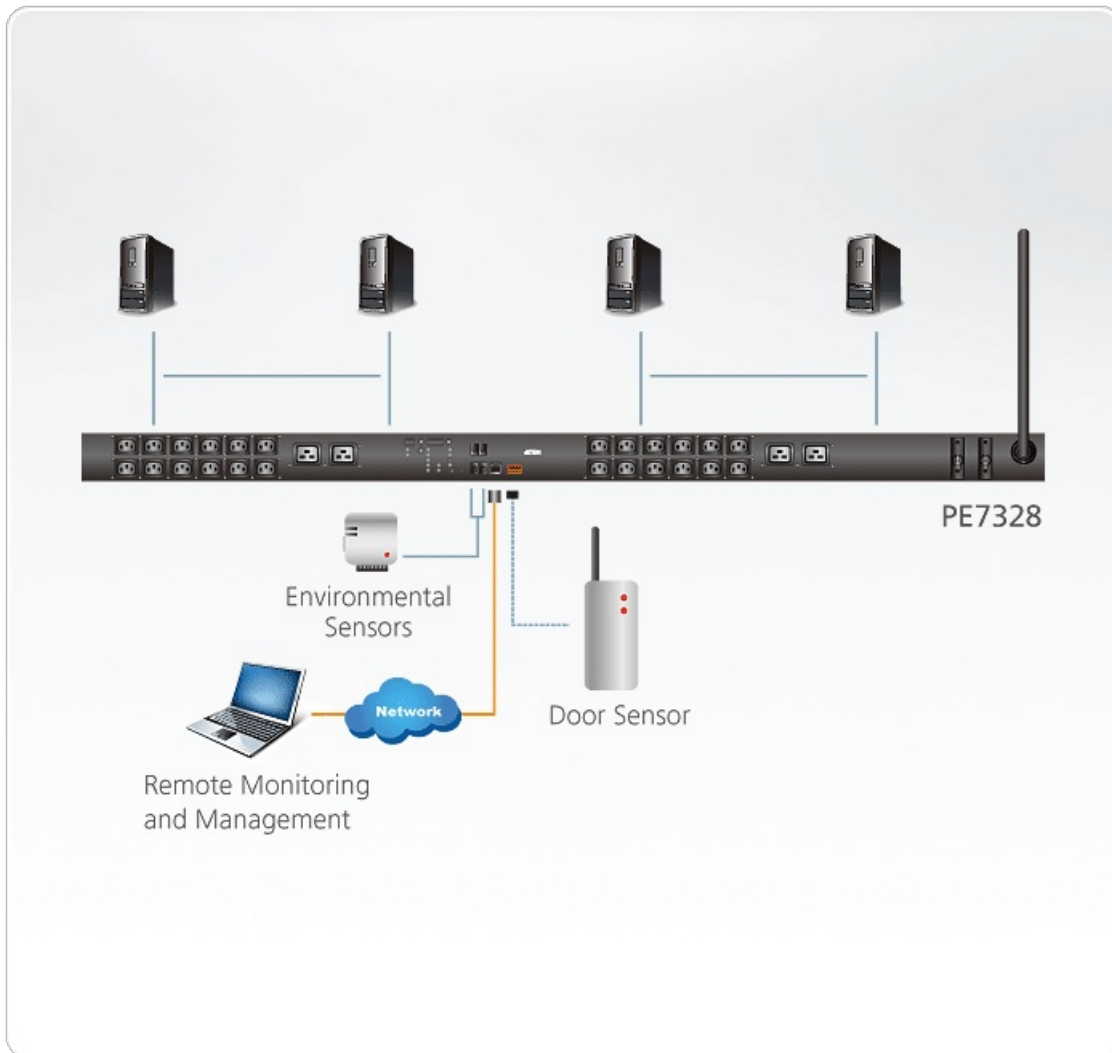
- **Connections**
  - Support 10/100Mbit Ethernet Interface
  - Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, SNMP V1,V2&V3
  - Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
  - Support : [eco Sensors](#), Browser ( IE, Firefox, Chrome,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

|                       |               |               |
|-----------------------|---------------|---------------|
| Function              | PE7328B       | PE7328G       |
| Electrical            |               |               |
| Nominal Input Voltage | 100 – 240 VAC | 100 – 240 VAC |

|                                   |                                                                                                                                      |                                                                                                                                      |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Input Current             | 30A Max; 24A(UL de-rated)                                                                                                            | 32A Max                                                                                                                              |
| Input Frequency                   | 50-60 Hz                                                                                                                             | 50-60 Hz                                                                                                                             |
| Input Connection                  | NEMA L6-30P                                                                                                                          | IEC 60309 32A                                                                                                                        |
| Input Power                       | 6240 VA(Max) 4992 VA (UL de-rated)                                                                                                   | 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     | 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                                                                                                                        | 100 – 240 VAC                                                                                                                        |
| Maximum Output Current (Outlet)   | C13: 15A (Max); 12A(UL de-rated)<br>C19: 15A (Max); 12A(UL de-rated)                                                                 | C13: 10A(Max)<br>C19: 16A(Max); TUV De-rated 15A(Max)                                                                                |
| Maximum Output Current (Bank)     | 15A(Max); 12A(UL de-rated)                                                                                                           | 16A(Max)                                                                                                                             |
| Maximum Output Current (Total)    | 30A(Max); 24A(UL de-rated)                                                                                                           | 32A(Max)                                                                                                                             |
| Breakers                          | 2 x 16A UL489 Breaker                                                                                                                | 2 x 16A UL489 Breaker                                                                                                                |
| Metering                          | Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                                | Outlet Level Current, Voltage, VA, PF, KWh Monitoring                                                                                |
| Outlet Switching                  | None                                                                                                                                 | None                                                                                                                                 |
| Environment Sensor Ports          | 4                                                                                                                                    | 4                                                                                                                                    |
| Metering Accuracy                 | Voltage Range: 100VAC ~ 250VAC +/-1%<br>Power Range: 100W ~ Maximum Capacity +/- 2%<br>Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% | Voltage Range: 100VAC ~ 250VAC +/-1%<br>Power Range: 100W ~ Maximum Capacity +/- 2%<br>Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% |
| Physical Properties               |                                                                                                                                      |                                                                                                                                      |
| Dimensions (L x W x H)            | 135.98 x 6.60 x 4.40 cm<br>(53.54 x 2.6 x 1.73 in.)                                                                                  | 135.98 x 6.60 x 4.40 cm<br>(53.54 x 2.6 x 1.73 in.)                                                                                  |
| Weight                            | 5.05 kg ( 11.12 lb )                                                                                                                 | 5.05 kg ( 11.12 lb )                                                                                                                 |
| Power Cord Length                 | 1.6 m                                                                                                                                | 1.6 m                                                                                                                                |
| Environmental                     |                                                                                                                                      |                                                                                                                                      |
| Temperature (Operating / Storage) | 0 – 50°C / -20 – 60°C                                                                                                                | 0 – 40°C / -20 – 60°C                                                                                                                |
| Humidity (Operating & Storage)    | 0 – 80% RH, Non-Condensing                                                                                                           | 0 – 80% RH, Non-Condensing                                                                                                           |
| Compliance                        |                                                                                                                                      |                                                                                                                                      |
| EMC Verification                  | FCC Part 15 Class A, Others by Request                                                                                               | CE, Others by Request                                                                                                                |
| Safety Verification               | By Request                                                                                                                           | CE-LVD, Others by Request                                                                                                            |
| Note                              | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.      |                                                                                                                                      |

## Diagram



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