

PE7214

eco PDU



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 eco PDUs are intelligent PDUs that contain 14 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.

Features

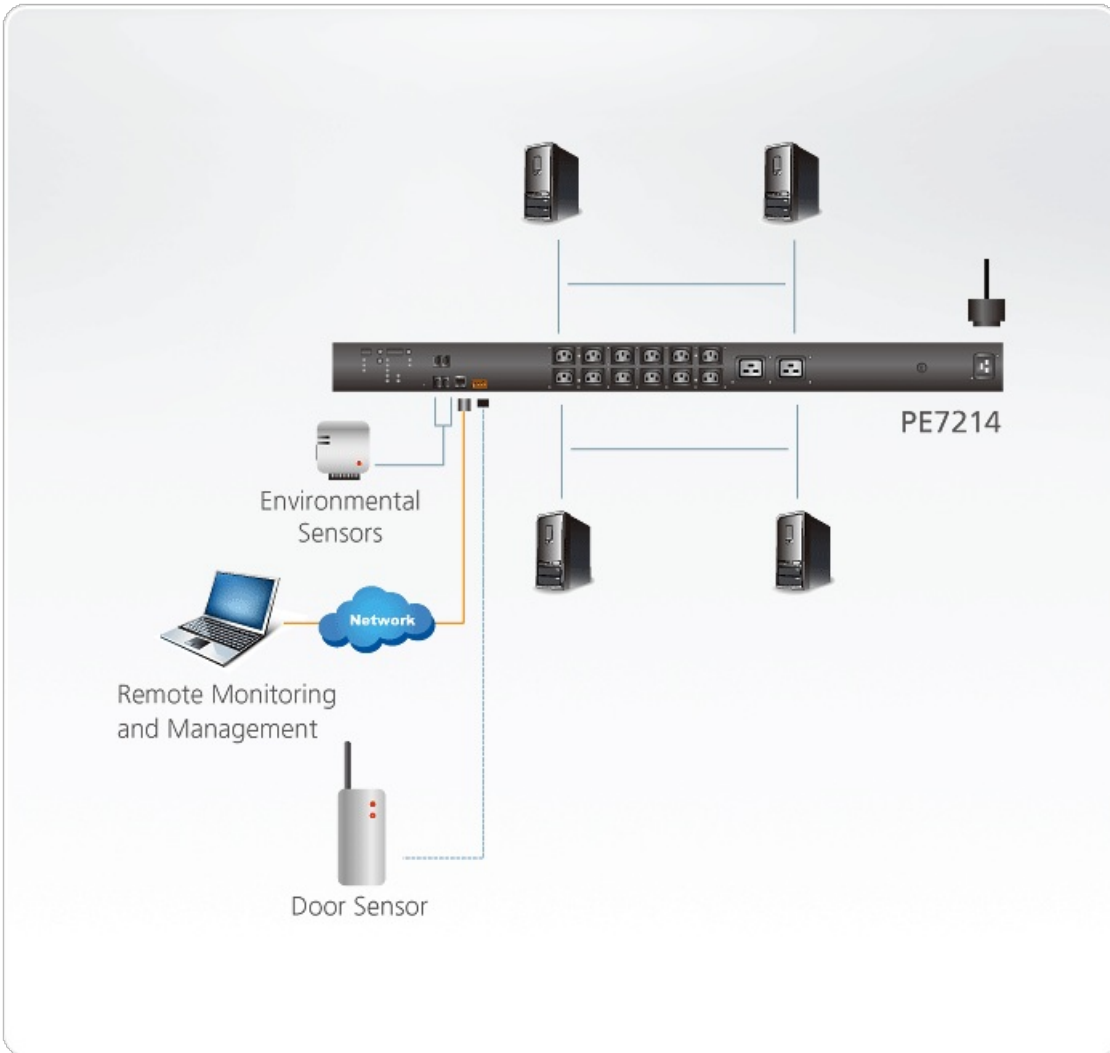
- **Connections**
- Support 10/100Mbit Ethernet Interface
- Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, Telnet, and SNMP V1,V2&V3
- Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Support : [eco Sensors](#), Browser (IE, Firefox, Chrome, 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 | PE7214B | PE7214G |
| Electrical | | |
| Nominal Input Voltage | 100 – 240 VAC | 100 – 240 VAC |

| | | |
|-----------------------------------|--|--|
| Maximum Input Current | 20A Max; 16A(UL de-rated) | 16A Max |
| Input Frequency | 50-60 Hz | 50-60 Hz |
| Input Connection | NEMA 6-20P | IEC 60320 C20 |
| Input Power | 4160 VA(Max); 3328 VA(UL de-rated) | 3680 VA(Max) |
| Outlet Type | Total: 12 x IEC320 C13 + 2 x IEC320 C19 Bank1: Outlet 1 – 14; 12 x C13 + 2 x C19 | Total: 12 x IEC320 C13 + 2 x IEC320 C19 Bank1: Outlet 1 – 14; 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) C19: 20A(Max); 16A(UL de-rated) | C13: 10A(Max) C19: 16A(Max) |
| Maximum Output Current (Bank) | 20A(Max); 16A(UL de-rated) | 16A(Max) |
| Maximum Output Current (Total) | 20A(Max); 16A(UL de-rated) | 16A(Max) |
| Breakers | 1 x 20A Non-Fuse breaker | 1 x 16A Non-Fuse 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% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% | Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% |
| Physical Properties | | |
| Dimensions (L x W x H) | 91 x 6.60 x 4.4 cm | 91 x 6.60 x 4.4 cm |
| Weight | 2.7 kg | 2.7 kg |
| Power Cord Length | 3 m | 3 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



ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com



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