

# PE7214

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 PE7214 eco [PDU](#)s are intelligent [PDU](#)s that contain 14 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

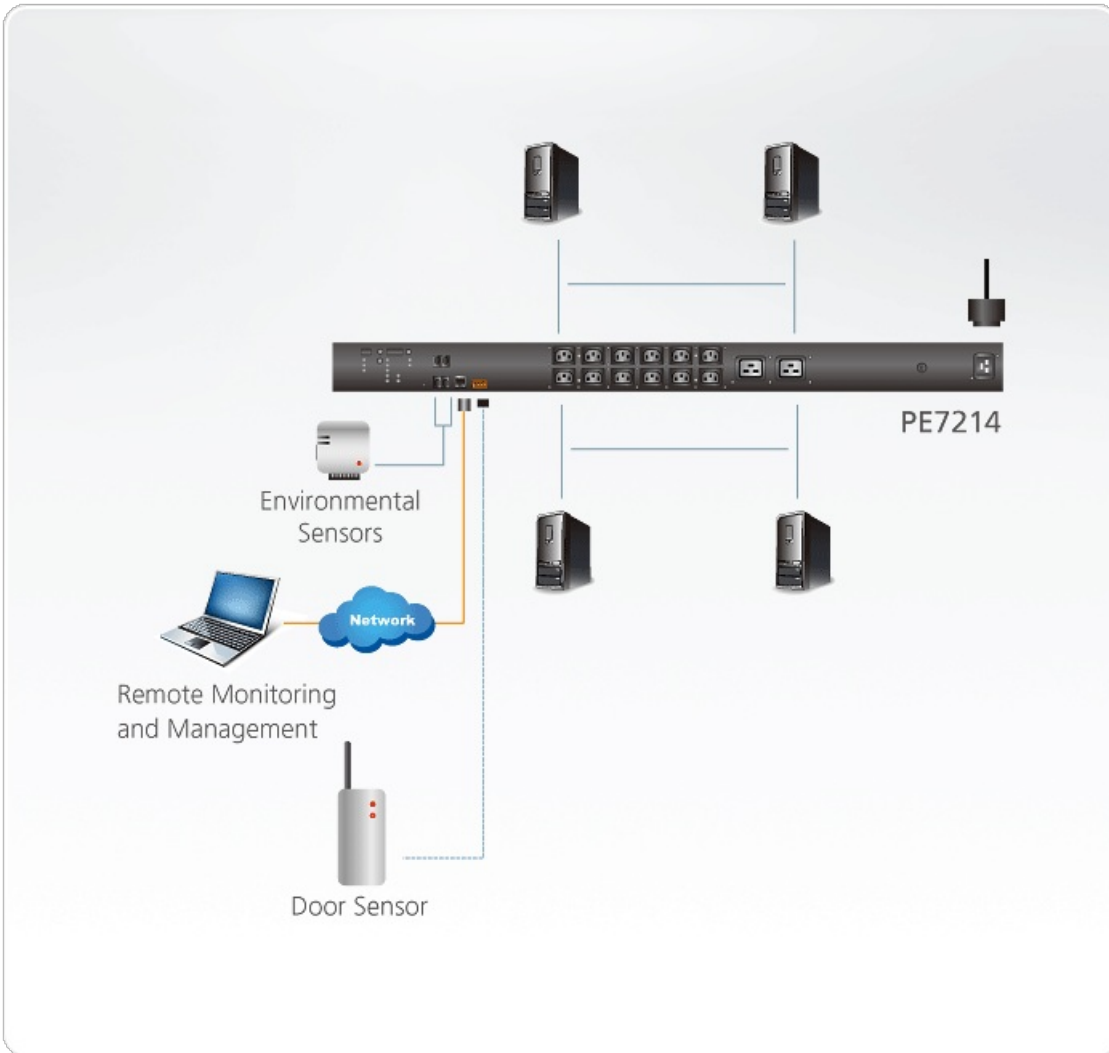
- **Connections**
  - Support 10/100Mbit Ethernet Interface
  - Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, Telnet, and SNMP V1,V2&V3
  - Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
  - Support : [eco Sensors](#), Browser ( IE, Firefox,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



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