

PE7216

20A/16A 16-Outlet Outlet-Metered eco PDU

PE7216B



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 PE7216 eco [PDUs](#) are intelligent [PDUs](#) that contain 16 AC outlets and are available in various IEC socket configurations.

NRGence eco [PDUs](#) provide secure, centralized, intelligent, power management 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 real-time power measurement — allowing you to 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 DC](#) (Energy Management Web GUI). [eco DC](#) 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

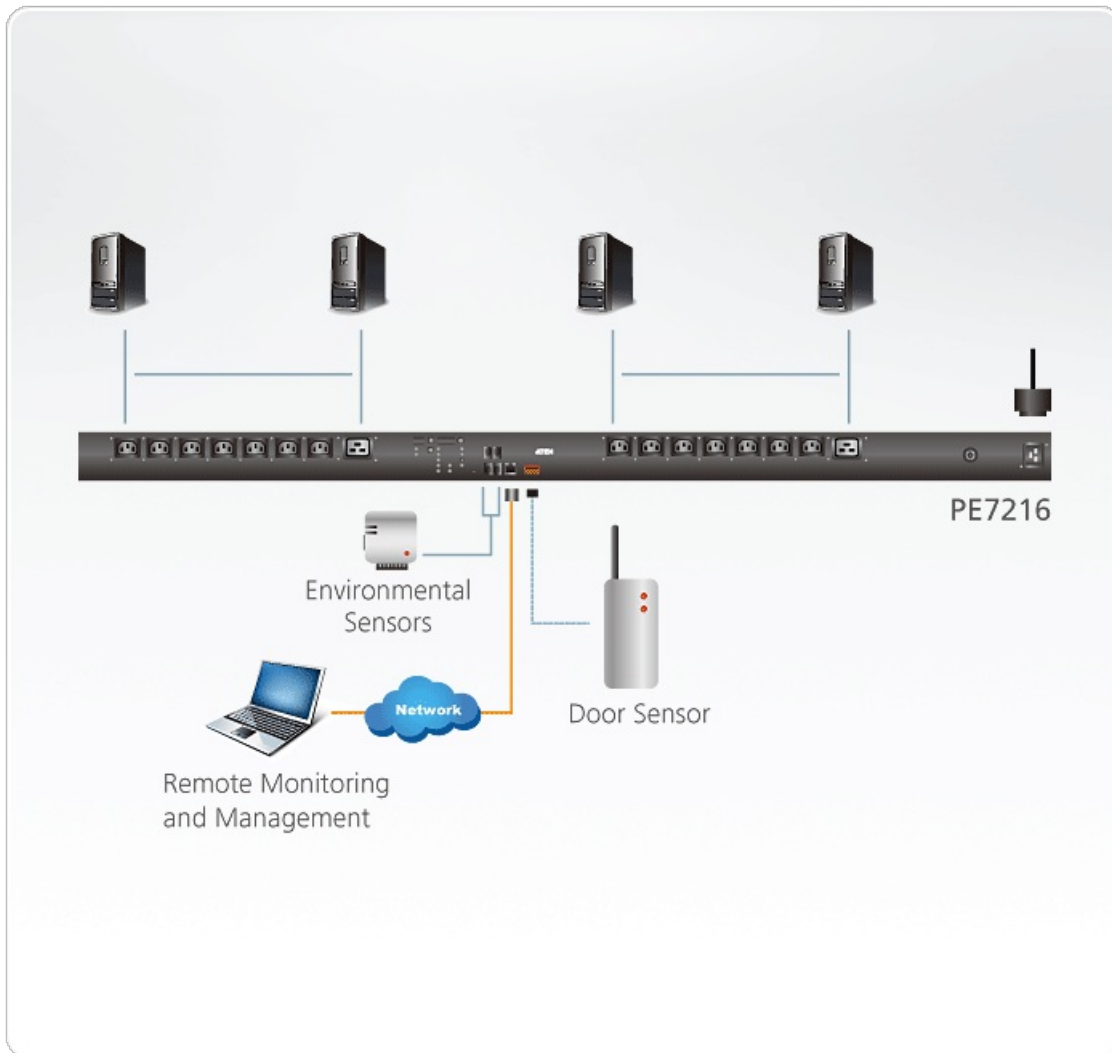
- **Connections**
 - Support 10/100Mbit Ethernet Interface
 - Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, Telnet, and SNMP V1,V2&V3
 - Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
 - Support : [eco DC](#), Browser (IE, Firefox, Chrome, 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	PE7216B	PE7216G
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: 14 x IEC320 C13 + 2 x IEC320 C19 Bank1-1: Outlet 1 – 8; 7 x C13 + 1 x C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19	Total: 14 x IEC320 C13 + 2 x IEC320 C19 Bank1-1: Outlet 1 – 8; 7 x C13 + 1 x C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 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)	132.48 x 6.60 x 4.40 cm (52.16 x 2.6 x 1.73 in.)	132.48 x 6.60 x 4.40 cm (52.16 x 2.6 x 1.73 in.)
Weight	3.70 kg (8.15 lb)	3.70 kg (8.15 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	TUV-CB, Others by Request	TUV-CB, 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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