Simply Better Connections

PE7328

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 PE7328 eco PDUs are intelligent PDUs that contain 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.

Features

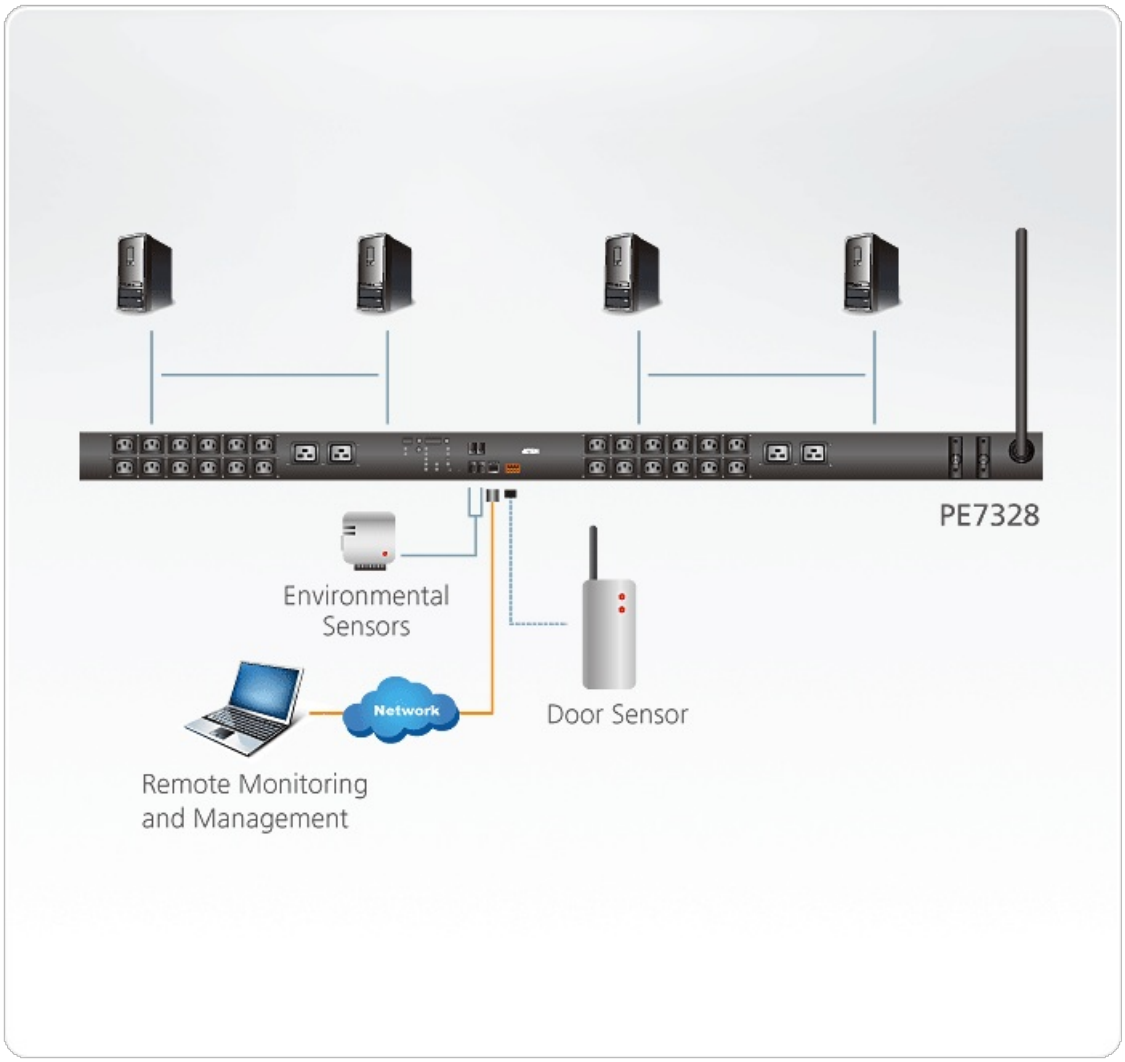
- **Connections**
- Support 10/100Mbit Ethernet Interface
- Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, SNMP V1,V2&V3
- Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIOUS
- Support : eco Sensors, Browser (IE, Firefox, Chrome, Safari)
- **Metering**
- 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 Bank1: Outlet 1 – 14; 12 x C13 + 2 x C19 Bank2: Outlet 15 – 28; 12 x C13 + 2 x C19	Total: 24 x IEC320 C13 + 4 x IEC320 C19 Bank1: Outlet 1 – 14; 12 x C13 + 2 x C19 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) C19: 15A (Max); 12A(UL de-rated)	C13: 10A(Max) 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% 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)	135.98 x 6.60 x 4.40 cm (53.54 x 2.6 x 1.73 in.)	135.98 x 6.60 x 4.40 cm (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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