Simply Better Connections

PE8324

30A/32A 24-Outlet Outlet-Metered & Switched eco PDU

PE8324A

[Want to test this unit?]

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 PE8324 eco PDUs are intelligent PDUs that contain 24 AC outlets and are available in various IEC socket configurations. Models in the advanced PE8 ranges feature NRGence´s proactive overload protection, which automatically powers off the last outlet that caused the current overload.

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.

The power status of each outlet can be set individually, allowing users to switch each device On/Off. The eco PDU also offers comprehensive power analysis reports which can separate departments and locations, providing precise measurements of current, voltage, power and watt-hour in a real-time display. Installation and operation is fast and easy: plugging cables into their appropriate ports and user-friendly browser-based configuration and management is all that is entailed. Since the eco PDU firmware is upgradeable over the Net, you can stay current with the latest functionality improvements simply by downloading updates from our website as they become available.

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

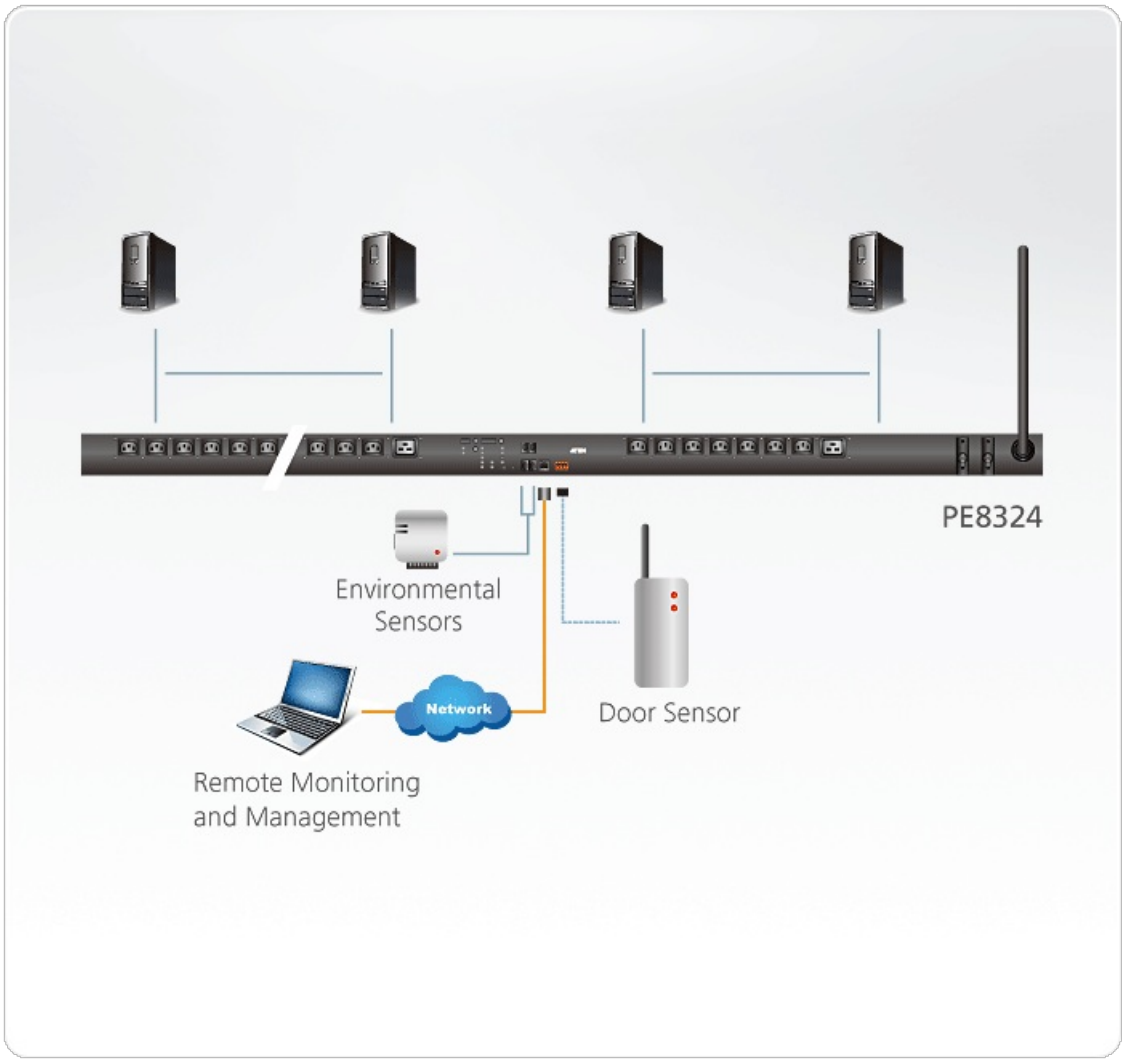
- **Connections**
- Support 10/100Mbit Ethernet Interface
- Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, ARP, NTP, DNS, Auto Sense, Ping, Telnet, and SNMP V1,V2&V3
- Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIOUS
- Support : eco Sensors, Browser (IE, Firefox, Chrome, 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**
- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU
- Supports multiple power control methods — Wake on LAN, System After AC Back, Kill the Power
- Power-On sequencing — users can set the power-on sequence and delay time for each outlet to allow equipment to be powered on in the correct order
- Proactive overload protection(POP) — automatically powers off the last outlet that caused the current overload

Specification

Function	PE8324A	PE8324B	PE8324G	PE8324G2	PE8324G3
Electrical					
Nominal Input Voltage	100 – 120 VAC	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC
Maximum Input Current	30A(Max); 24A(UL de-rated)	30A Max; 24A (UL de-rated)	30A Max	30A Max	30A Max
Input Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Input Connection	NEMA L5-30P	NEMA L6-30P	IEC 60309 32A	IEC 60309 32A	IEC 60309 32A
Input Power	3600 VA(Max); 2880 VA(UL de-rated)	6240 VA(Max); 4992 VA(UL de-rated)	7360 VA(Max)	7360 VA(Max)	7360 VA(Max)
Outlet Type	Total: 24 x NEMA 5-15R Bank1-1: Outlet 1 – 8; 8 x NEMA 5-15R Bank1-2: Outlet 9 – 16; 8 x NEMA 5-15R Bank2: Outlet 17 – 24; 8 x NEMA 5-15R	Total: 21 x IEC320 C13 + 3 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 Bank2: Outlet 17 – 24; 7 x C13 + 1 x C19	Total: 21 x IEC320 C13 + 3 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 Bank2: Outlet 17 – 24; 7 x C13 + 1 x C19	Total: 6 x IEC320 C13 + 18 x IEC320 C19 Bank1-1: Outlet 1 – 8; 2 x C13 + 6 x C19 Bank1-2: Outlet 9 – 16; 2 x C13 + 6 x C19 Bank2: Outlet 17 – 24; 2 x C13 + 6 x C19	Total: 18 x IEC320 C13 + 6 x IEC320 C19 Bank1-1: Outlet 1 – 8; 6 x C13 + 2 x C19 Bank1-2: Outlet 9 – 16; 6 x C13 + 2 x C19 Bank2: Outlet 17 – 24; 6 x C13 + 2 x C19
Nominal Output Voltage	100 – 120 VAC	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC	100 – 240 VAC
Maximum Output Current (Outlet)	15A(Max); 12A(UL de-rated)	C13: 15A(Max); 12A(UL de-rated) C19: 20A(Max); 16A(UL de-rated)	C13: 10A(Max) C19: 16A(Max)	C13: 10A(Max) C19: 16A(Max)	C13: 10A(Max) C19: 16A(Max)

Maximum Output Current (Bank)	20A(Max); 16A(UL de-rated)	20A(Max); 16A(UL de-rated)	16A(Max)	16A(Max)	16A(Max)
Maximum Output Current (Total)	30A(Max); 24A(UL de-rated)	30A(Max); 24A(UL de-rated)	32A(Max)	32A(Max)	32A(Max)
Breakers	2 x 16A UL489 Breaker	2 x 16A UL489 Breaker	2 x 16A UL489 Breaker	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 Level Current, Voltage, VA, PF, KWh Monitoring	Outlet Level Current, Voltage, VA, PF, KWh Monitoring	Outlet Level Current, Voltage, VA, PF, KWh Monitoring
Outlet Switching	Yes	Yes	Yes	Yes	Yes
Environment Sensor Ports	4	4	4	4	4
Physical Properties					
Dimensions (L x W x H)	177.50 x 6.60 x 4.40 cm (69.88 x 2.6 x 1.73 in.)	177.50 x 6.60 x 4.40 cm (69.88 x 2.6 x 1.73 in.)	177.50 x 6.60 x 4.40 cm (69.88 x 2.6 x 1.73 in.)	177.50 x 6.60 x 4.40 cm (69.88 x 2.6 x 1.73 in.)	177.50 x 6.60 x 4.40 cm (69.88 x 2.6 x 1.73 in.)
Weight	6.33 kg (13.94 lb)	6.33 kg (13.94 lb)	6.33 kg (13.94 lb)	6.33 kg (13.94 lb)	6.33 kg (13.94 lb)
Power Cord Length	1.6 m	1.6 m	1.6 m	1.6 m	1.6 m
Environmental					
Temperature (Operating / Storage)	0 – 40°C / -20 – 60°C	0 – 40°C / -20 – 60°C	0 – 40°C / -20 – 60°C	0 – 40°C / -20 – 60°C	0 – 40°C / -20 – 60°C
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing
Compliance					
EMC Verification	FCC Part 15 Class A, Others by Request	FCC Part 15 Class A, Others by Request	CE, Others by Request	CE, Others by Request	CE, Others by Request
Safety Verification	By Request	By Request	CE-LVD, Others by Request	CE-LVD, Others 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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