

## PE5324

30A/32A 24-Outlet Metered eco PDU



As part of its NRGence line, ATEN has developed a new generation of green energy power distribution units ([PDU](#)s) to effectively increase the efficiency of [data center](#) power usage. The NRGence PE5324 eco [PDU](#) is an intelligent [PDU](#) that contains 24 AC outlets and is available in various IEC or NEMA socket configurations. It provides the ability to monitor the center's health environment via sensors\*.

NRGence eco [PDU](#) offers real-time power measurement – allowing you to monitor the power status of devices attached to the [PDU](#)s, either at the [PDU](#) device or Bank level, from practically any location via a TCP/IP connection. It also offers comprehensive power analysis reports – providing precise measurements of current, voltage, power and watt-hour in a real-time Display.

NRGence eco [PDU](#) supports any 3rd party v1, v2 & v3 SNMP Manager Software and ATEN [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 monitor power status for multiple computer installations and allocate power resources in the most efficient way possible.

\* Sensors are optional accessories. A sensor-enabled installation is required to generate a more complete energy-efficient data and chart.

## Features

### Power Distribution

- Space saving 0U rack mount design with rear mounting
- IEC or NEMA outlet models
- 3 x 7-segment front panel LED shows Current / IP Address for [PDU](#) / Bank
- Remote users can monitor [PDU](#)/Bank status via web pages on their browsers
- Safe shutdown support
- Separate power for the unit's own power and its power outlets – the user interface is still accessible even when an overload condition trips the devices' circuit breaker

### Remote Access

- Network Protocols: TCP/IP, UDP, HTTP, HTTPS, SSL, SMTP, DHCP, NTP, DNS, auto sense, Ping, Telnet
- [eco PDU](#) Power Management software – [eco Sensors](#)
- Supports SNMP Manager V1, V2 & V3

### Operation

- Easy setup and operation via a browser-based user interface
- Multibrowser support (IE, Mozilla, Firefox, Chrome, Safari, Opera, Netscape)
- RTC support to keep the timer running during times of no power
- Up to 8 user accounts and 1 administrator account

### Management

- Power status measurement at the [PDU](#)/Bank level
- LED indicators for current and IP address at the [PDU](#) device and/or Bank levels
- Real-time aggregate current, voltage, and power and power dissipation displayed in a browser-based UI for monitoring at the bank level
- Environment monitoring – supports external temperature / humidity / Differential Pressure sensors for rack environment monitoring
- Current and voltage threshold setting
- Naming support for outlets
- Event logging and syslog support
- Upgradeable firmware
- Multilanguage support: English, Traditional Chinese, Simplified Chinese, Japanese, German, Italian, Spanish, French, Russian

### Security

- Two-level password security
- Strong security features include strong password protection and advanced encryption technologies – 128 bit SSL
- Remote authentication support: RADIUS

### [eco Sensors Energy Management Software\\*](#)

- Automatic discovery of all PE devices within the same intranet
- Remote real-time power measurement and monitoring
- Remote real-time environment sensor monitoring
- Plotting/Monitoring of all PE devices
- Exceed threshold alert through SMTP and System log
- Power Analysis Report

\*[eco Sensors](#) is designed to work with NRGence™ [PDUs](#), and is bundled with all PE series packages

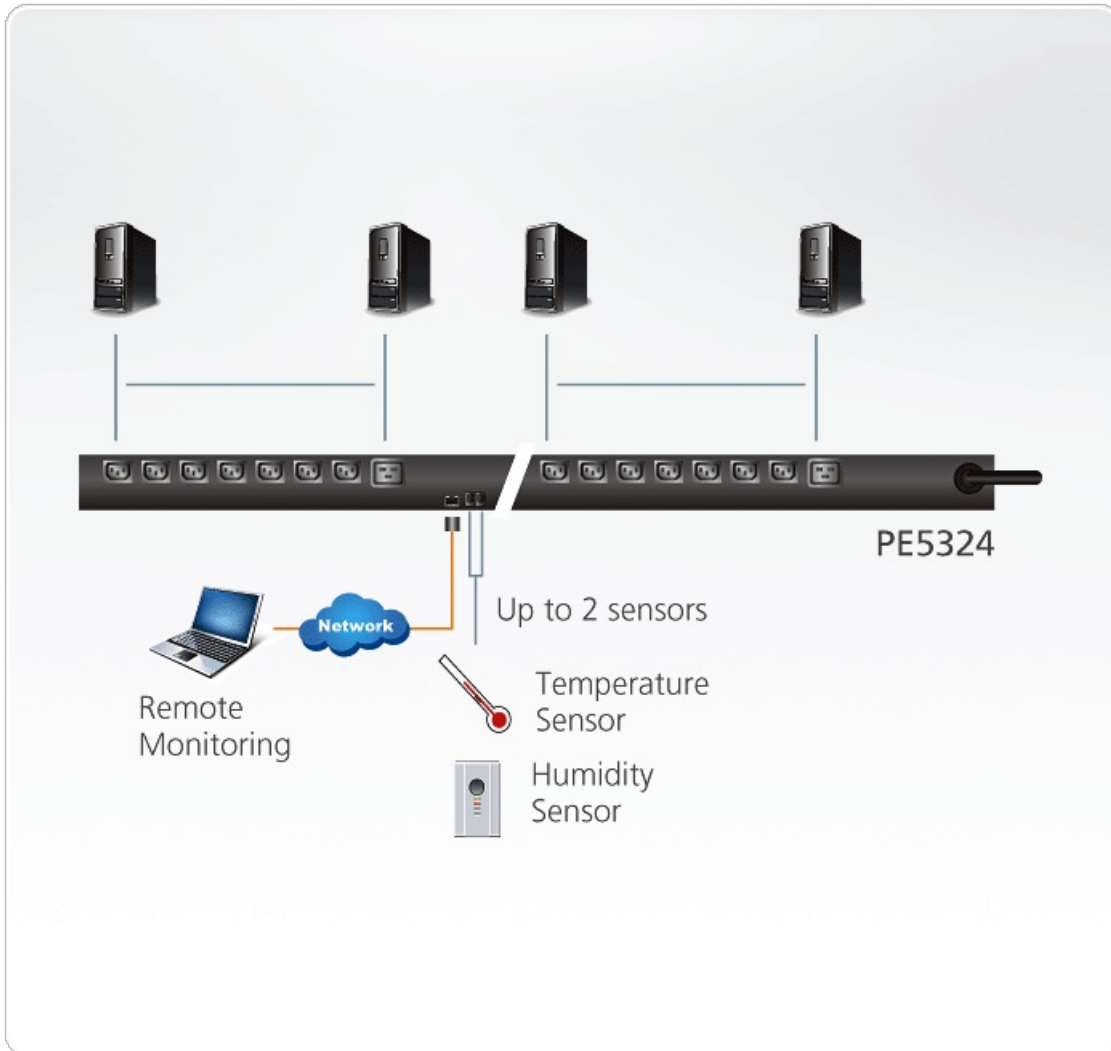
Model	Inlet	Outlets	Monitoring Level	Amps	
				Per Port	Total
PE5324B	NEMA L6-30P	21 x IEC 320 C13 3 x IEC 320 C19	Bank	12A/15A	24A (UL), 30A (Max)
PE5324G	IEC 60309 32A	21 x IEC 320 C13 3 x IEC 320 C19	Bank	10A/15A	I: 32A, O: 30A

## Specifications

Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	32A(Max)
Input Frequency	50-60 Hz

Input Connection	For G Plug : IEC 60309 32A
Input Power	7360 VA(Max)
Outlet Type	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
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	C13: 10A(Max) C19: 16A(Max)
Maximum Output Current (Bank)	16A(Max)
Maximum Output Current (Total)	32A(Max)
Breakers	2 x 16A UL489 Breaker
Metering	Bank Level Current, Voltage, VA , PF and kWh Monitoring
Outlet Switching	None
Environment Sensor Ports	2
Metering Accuracy	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)	177.50 x 6.60 x 4.40 cm (69.88 x 2.6 x 1.73 in.)
Weight	5.82 kg ( 12.82 lb )
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0–40°C / -20–60°C
Humidity (Operating & Storage)	0–80% RH, Non-Condensing
Compliance	
EMC Verification	CE, C-Tick, Others by Request
Safety Verification	TUV-CB, GOST, 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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