Simply Better Connections

PE5224TA

20A 24-Outlet eco PDU (Thin Form Factor eco PDU)

PE5224TA



The ATEN NRGence™ PE5224TA eco PDUs are thin form factor intelligent PDUs that contain 24 AC outlets available in IEC or NEMA socket configurations. The lightweight thin form factor eco PDUs have a smaller width and input region than ATEN's standard and low profile PDUs. The thin form factor series have a 56 mm width that fits tight into server racks providing more space for cooling and maintenance. The smaller design leaves 8% more space in the rack to increase air flow and cool IT equipment more effectively. It also means faster maintenance with easier access to equipment normally installed behind the PDU.

NRGence™ eco PDUs offer real-time power measurement and threshold alerts – allowing you to monitor the PDU's power status, bank status and circuit breakers, either at the PDU or from any location via a TCP/IP connection.

With the combination of ATEN eco PDUs and eco DC Energy Management Web GUI, a data center is equipped with real-time monitoring, measurement and analysis of energy consumption – with reports of power usage and PUE to meet the ISO 50001 requirements. These indexes will automatically generate customized reports about your data center's energy use and include energy saving suggestions. The suggestions allow you to optimize energy usage and save money without harming your IT equipment's reliability. eco DC Energy Management Web GUI provides easy multi-PDU management with an intuitive user-friendly interface that allows you to configure PDUs and monitor the power status of equipment connected to them.

Features

- Thin form factor design with 56 mm width
- Built-in 10/100 Mbps Ethernet port
- Supports TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, Telnet, and SNMP V1,V2&V3
- 2-level account and password security
- IP/MAC filters, SSL 128-bit data encryption and RADIUS for remote authentication
- Supports eco DC Energy Management Software
- Browser access via IE, Firefox, Chrome, Safari and more
- Bank level power metering and monitoring
- Environment monitoring via external sensors for rack temperature and humidity readings with threshold alerts
- Real-time aggregate current, voltage, power, and aggregate power dissipation displayed in a browser-based UI
- Space saving 0U rack mount design with rear mounting
- Lok-U-Plug and EZ-Lok Holders – easily secures power cables to the PDU

eco DC Energy Management Software*

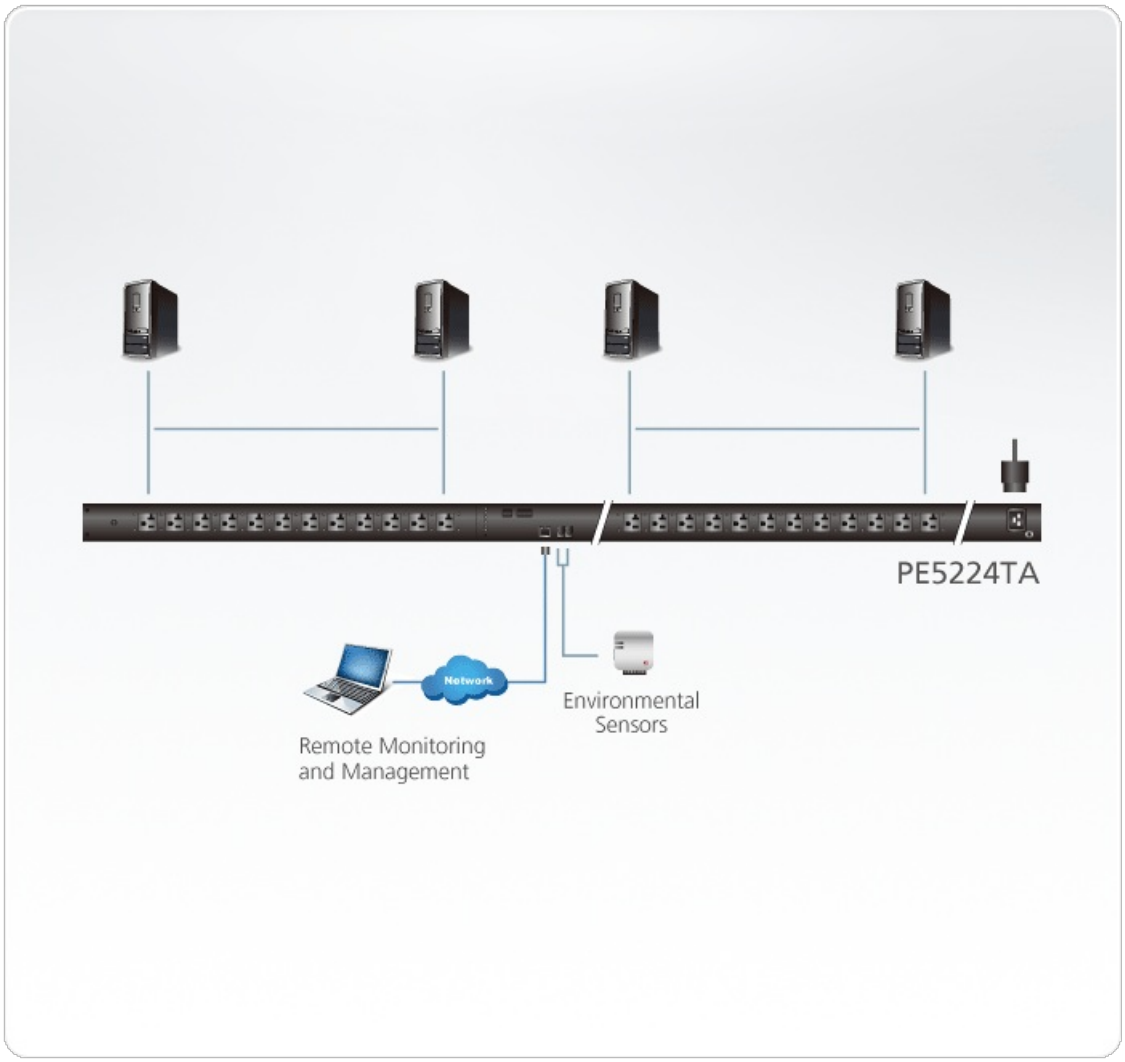
- Automatic discovery of all ATEN PDUs within the same intranet
- Remote real-time power measurement and monitoring of PDUs
- Real-time environment monitoring via sensors
- Plotting and monitoring of all ATEN PDU devices
- Exceed threshold alerts through real-time monitoring, SMTP and System log
- Power analysis reports

* eco DC is designed to work with NRGence™ eco PDUs, and is bundled with all PE series packages.

Specifications

Electrical	
Nominal Input Voltage	100 – 120 VAC
Maximum Input Current	20A(Max)
Input Frequency	50-60 Hz
Input Connection	NEMA 5-20P
Input Power	2400 VA(Max)
Outlet Type	Total: 24 x NEMA 5-20R Bank1-1: Outlet 1 – 12; 12 x NEMA 5-20R Bank1-2: Outlet 13 – 24; 12 x NEMA 5-20R
Nominal Output Voltage	100 – 120 VAC
Maximum Output Current (Outlet)	NEMA 5-20R: 20A(Max)
Maximum Output Current (Bank)	20A(Max)
Maximum Output Current (Total)	20A(Max)
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 5.60 x 4.80 cm (69.88 x 2.2 x 1.89 in.)
Weight	3.93 kg (8.66 lb)
Power Cord Length	3 m
Environmental	
Temperature (Operating / Storage)	0–50°C / -20–60°C
Humidity (Operating & Storage)	0–80% RH, Non-Condensing
Compliance	
EMC Verification	FCC, J55022, Others by Request
Safety Verification	PSE, 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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