

PE5221T

16A 21-Outlet Metered Thin Form Factor eco PDU



The ATEN NRGence™ PE5221T eco [PDUs](#) are thin form factor intelligent [PDUs](#) that contain 21 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.

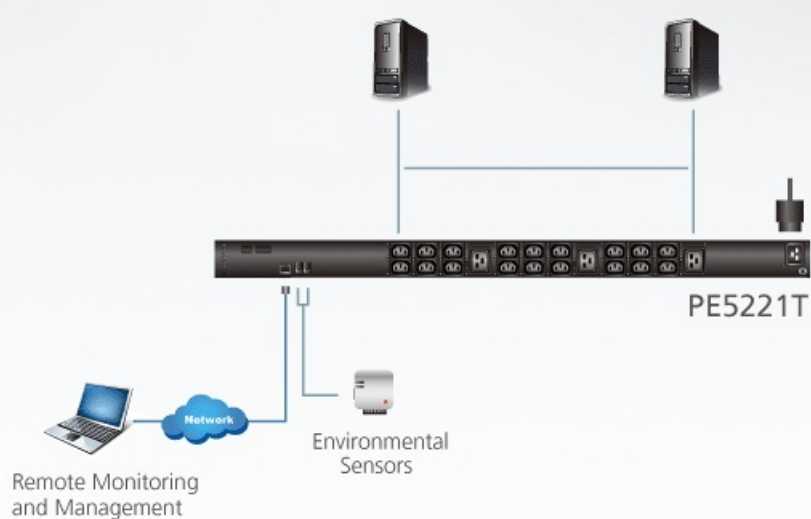
Specifications

Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	16A(Max)
Input Frequency	50-60 Hz
Input Connection	For B Plug: NEMA 6-20P For G Plug: IEC 60320 C20
Input Power	3680 VA(Max)
Outlet Type	Total: 18 x IEC320 C13 + 3 x IEC320 C19
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	For B Plug: C13: 12A C19: 16A For G Plug: C13: 10A C19: 16A
Maximum Output Current (Bank)	16A(Max)
Maximum Output Current (Total)	16A(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)	90.20 x 5.60 x 4.80 cm (35.51 x 2.2 x 1.89 in.)
Weight	2.34 kg (5.15 lb)
Power Cord Length	3 m
Environmental	
Temperature (Operating / Storage)	For B Plug: 0–50°C / -20–60°C For G Plug: 0–40°C / -20–60°C
Humidity (Operating & Storage)	0–80% RH, Non-Condensing
Compliance	
EMC Verification	CE, FCC, J55022 Others by Request
Safety Verification	CE-LVD, 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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