

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

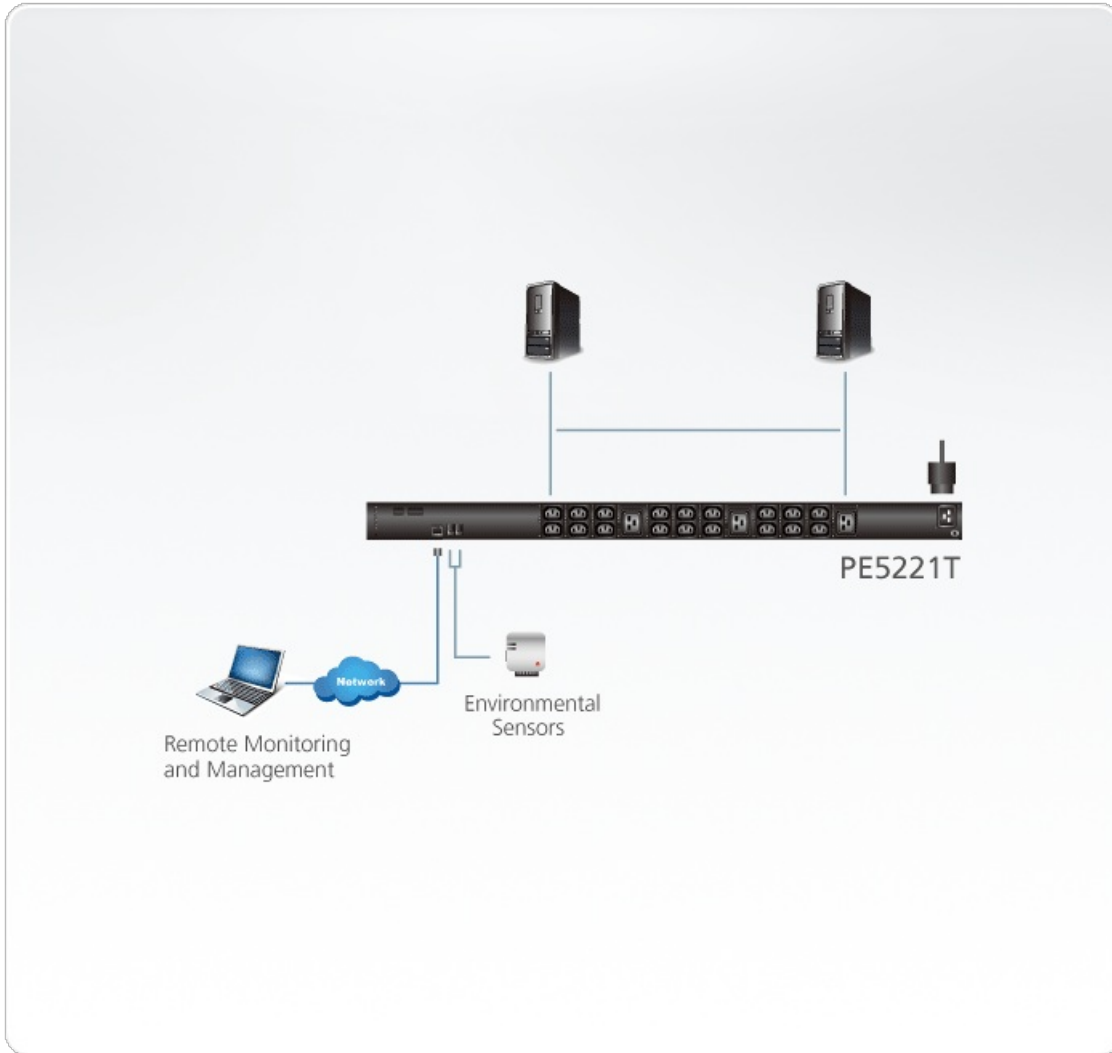
* [eco DC](#) is designed to work with NRGence™ eco PDUs, and is bundled with all PE series packages.

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 |

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| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |
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Diagram



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