

PE5342TB

30A 42-Outlet Metered Thin Form Factor eco PDU

PE5342TB



- 0U 42-Outlet thin form factor eco PDU
- Bank level metering

The ATEN NRGence™ PE5342TB eco PDU is thin form factor intelligent PDU that contain 42 IEC outlets. The lightweight thin form factor PDUs' 5.6 cm width fits tight into server racks, providing more space in the rack to increase air flow and cooling efficiency. This also means faster maintenance thanks to easier access to equipment installed behind PDUs.

NRGence™eco PDUs offers real-time power measurement—allowing you to monitor the power status of devices attached to the PDUs, at the PDU and Bank level, from practically 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, RADIUS
- Supports [eco DC](#) software and 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 and alerts
- Real-time aggregate current, voltage and power and power dissipation displayed in a browser-based UI
- Space saving 0U rack mount design with rear mounting
- [Lok-U-Plug & EZ-Lok – easily secures power cable to PDU](#)

[eco DC Energy Management Software *](#)

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

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

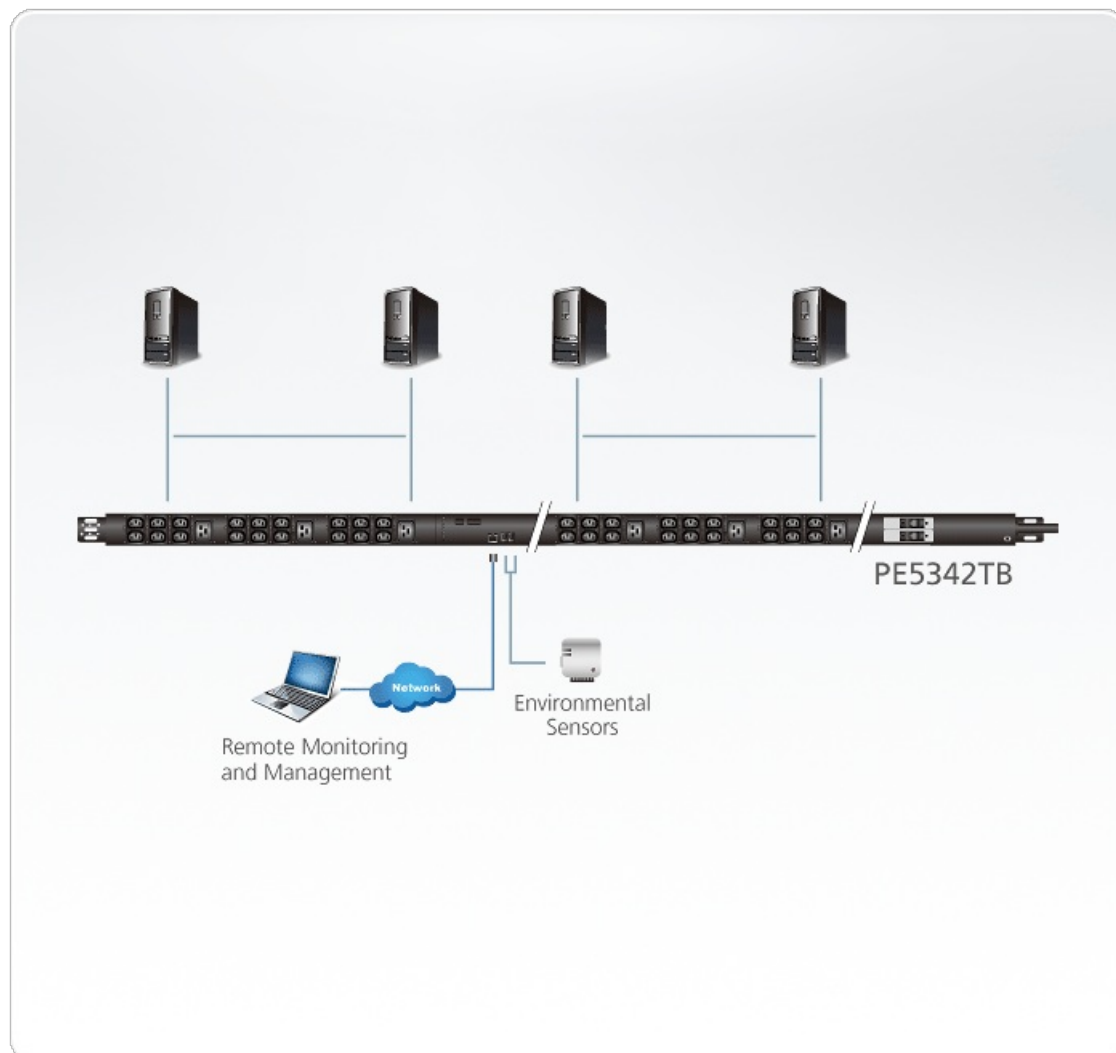
Specifications

| | |
|-----------------------------------|--|
| Electrical | |
| Nominal Input Voltage | 100 – 240 VAC |
| Maximum Input Current | 30A(Max) |
| Input Frequency | 50-60 Hz |
| Input Connection | NEMA L6-30P |
| Input Power | 6240 VA(Max) |
| Outlet Type | Total: 36 x IEC320 C13 + 6 x IEC320 C19 Bank1: Outlet 1 – 21; 18 x C13 + 3 x C19 Bank2: Outlet 22 – 42; 18 x C13 + 3 x C19 |
| Nominal Output Voltage | 100 – 240 VAC |
| Maximum Output Current (Outlet) | C13: 15A(Max) C19: 15A(Max) |
| Maximum Output Current (Bank) | 15A(Max) |
| Maximum Output Current (Total) | 30A(Max) |
| Breakers | 2 x 16A Slim 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 5.60 x 4.80 cm (69.88 x 2.2 x 1.89 in.) |
| Weight | 6.01 kg (13.24 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


ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com



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