PE5342TB

30A 42-Outlet Metered Thin Form Factor eco PDU

• 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