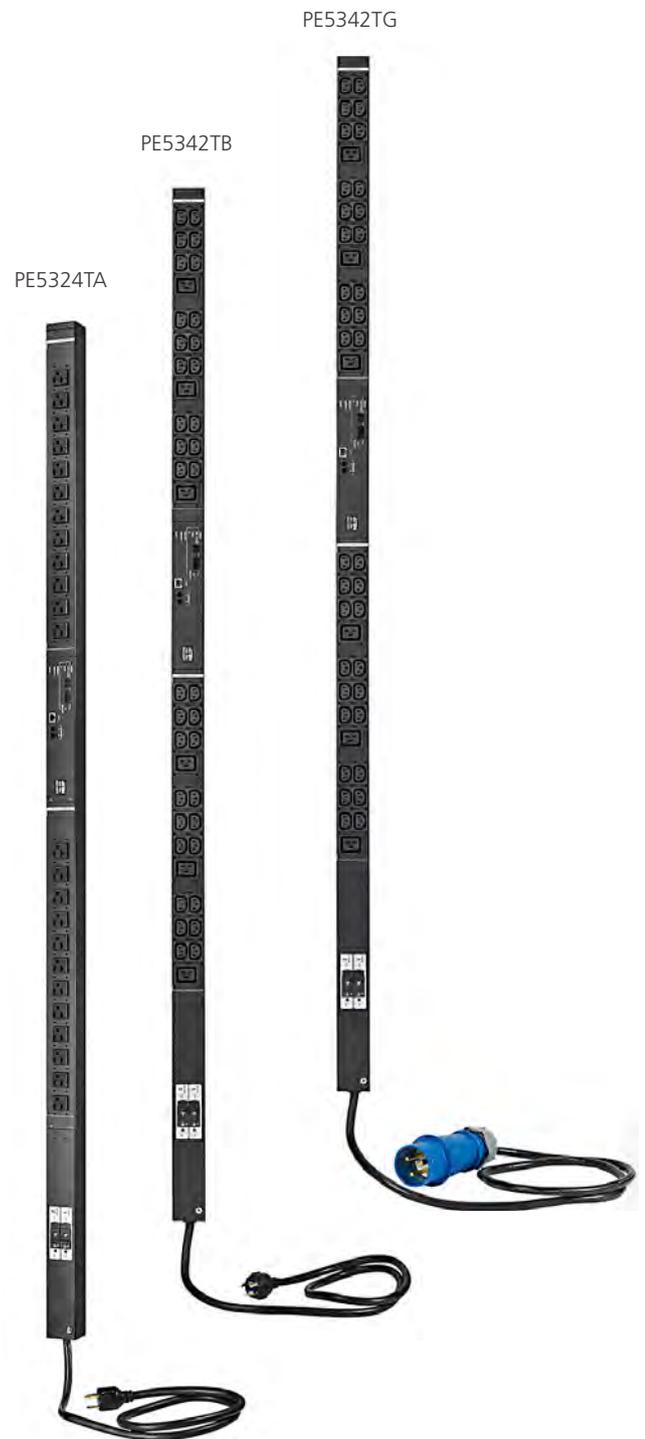# 24/42-Outlet eco PDU (Thin Form Factor eco PDU)
PE5324TA / PE5342TB / PE5342TG

● The ATEN NRGence™ PE5324TA / PE5342TB / PE5342TG eco PDUs are thin form factor intelligent PDUs that contain 24 or 42 AC outlets and are available in various IEC or NEMA socket configurations. 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 tomonitor 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 Sensors, an administrator's data center is equipped with real time monitoring, measurements and analysis that can produce reports of power usage, PUE, RCI and RTI to meet the ISO 50001 requirements. With these critical indexes, you can generate customized reports about your data center that include energy saving suggestions. Following these suggestions allows you to optimize energy usage to save energy without harming your IT equipment's reliability. eco Sensors provides you with an easy method for managing multiple devices, offering an intuitive and user-friendly Graphical User Interface that allows you to configure a PDU device and monitor power status of the equipment connected to it.

PE5342TG

PE5342TB

PE5324TA

Thin Form Factor eco PDU

Front view

5.6cm

Side view

4.8cm

Low profile eco PDU

Front view

6.6cm

Side view

5.5cm

Model	Description	Input Power Plug	Outlet Type	Function
PE5324TA	100-120V 30A 0U 24-Outlet PDU	NEMA L5-30P	(24) NEMA 5-20R	2-Bank Metering
PE5342TB	100-240V 30A 0U 42-Outlet PDU	NEMA L6-30P	(36) IEC 320 C13 (6) IEC 320 C19	2-Bank Metering
PE5342TG	100-240V 32A 0U 42-Outlet PDU	IEC 60309 32A	(36) IEC 320 C13 (6) IEC 320 C19	2-Bank Metering

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, SNMP V1,V2&V3,Telnet
- 2-level account and password security, IP/MAC filters, SSL 128-bit data encryption, RADIUS
- Supports eco Sensors 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
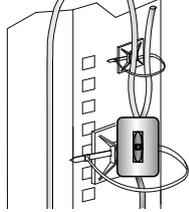
eco Sensors Energy Management Software*

• 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
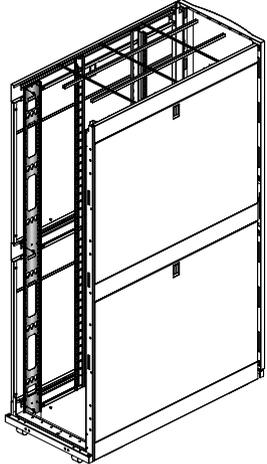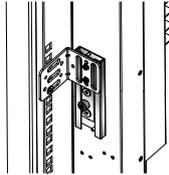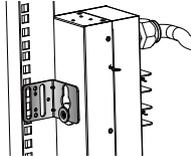
• Power analysis report

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

Specifications

Model	PE5324TA	PE5342TB	PE5342TG
Electrical			
Nominal Input Voltage	100 – 120 VAC	100 – 240 VAC	100 – 240 VAC
Maximum Input Current	30A(Max)	30A(Max)	32A(Max)
Input Frequency	50-60 Hz	50-60 Hz	50-60 Hz
Input Connection	NEMA L5-30P	NEMA L6-30P	IEC 60309 32A
Input Power	3600 VA(Max)	6240 VA(Max)	7360 VA(Max)
Outlet Type	**Total:** 24 x NEMA 5-20R	**Total:** 36 x IEC320 C13 + 6 x IEC320 C19	**Total:** 36 x IEC320 C13 + 6 x IEC320 C19
	Bank1: Outlet 1 – 12; 12 x NEMA 5-20R	**Bank1:** Outlet 1 – 21; 18 x C13 + 3 x C19	**Bank1:** Outlet 1 – 21; 18 x C13 + 3 x C19
	Bank2: Outlet 13 – 24; 12 x NEMA 5-20R	**Bank2:** Outlet 22 – 42; 18 x C13 + 3 x C19	**Bank2:** Outlet 22 – 42; 18 x C13 + 3 x C19
Nominal Output Voltage	100 – 120 VAC	100 – 240 VAC	100 – 240 VAC
Maximum Output Current (Outlet)	NEMA 5-20R: 15A(Max)	C13: 15A(Max) C19: 15A(Max)	C13: 10A(Max) C19: 16A(Max)
Maximum Output Current (Bank)	15A(Max)	15A(Max)	16A(Max)
Maximum Output Current (Total)	30A(Max)	30A(Max)	32A(Max)
Breakers	2 x 16A Slim Breaker	2 x 16A Slim Breaker	2 x 16A Slim Breaker
Metering	Bank Level Current, Voltage, VA , PF and kWh Monitoring	Bank Level Current, Voltage, VA , PF and kWh Monitoring	Bank Level Current, Voltage, VA , PF and kWh Monitoring
Outlet Switching	None	None	None
Environment Sensor Ports	2	2	2
Metering Accuracy	Voltage Range: 100VAC ~ 250VAC +/-1%	Voltage Range: 100VAC ~ 250VAC +/-1%	Voltage Range: 100VAC ~ 250VAC +/-1%
	Power Range: 100W ~ Maximum Capacity +/- 2%	Power Range: 100W ~ Maximum Capacity +/- 2%	Power Range: 100W ~ Maximum Capacity +/- 2%
	Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%	Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%	Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Physical Properties			
Dimensions (L x W x H)	177.5 x 5.6 x 4.8 cm	177.5 x 5.6 x 4.8 cm	177.5 x 5.6 x 4.8 cm
Weight	4.95 kg	6.01 kg	5.57 kg
Power Cord Length	3 m	3 m	3 m
Environmental			
Temperature (Operating / Storage)	0 to 50°C / -20 to 60°C	0 to 50°C / -20 to 60°C	0 to 40°C / -20 to 60°C
Humidity (Operating & Storage)	0–80% RH, Non-Condensing	0–80% RH, Non-Condensing	0–80% RH, Non-Condensing
Compliance			
EMC Verification	FCC, J55022, Others by Request	FCC, J55022, Others by Request	CE, Others by Request
Safety Verification	PSE, Others by Request	PSE, Others by Request	CE-LVD, Others by Request

Optional Accessories

Type	Part No.	Description	Images	Installation
Environment Sensors	EA1140	Temperature		—
	EA1240	Temperature / Humidity		
	EA1340	Differential Pressure / Temperature		
Cable Holders	2X-EA07	Lok-U-Plug Cable Holder (10 pcs per pack)		
	2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)		
EZ-Lok	2X-EA10	C14 EZ-Lok Plug Connectors		
	2X-EA11	C20 EZ-Lok Plug Connectors		

Type	Part No.	Description	Images	Installation
Rack Mount Kit	2X-015G	Double Mount Rail		
	2X-016G	Slide Rail Kit		
	2X-017G	Button Mount Kit		
	2X-018G	Side Panel Mount Kit		