

PE5340s

eco PDU



As part of its NRGence line, ATEN has developed a new generation of green energy power distribution units ([PDU](#)s) to effectively increase the efficiency of [data center](#) power usage.

The NRGence PE5340s is an intelligent [PDU](#)s that contains 40 AC outlets and is available in IEC or NEMA input configurations. The PE5340s provides secure, centralized, intelligent, power management of [data center](#) IT equipment (servers, storage systems, KVM switches, network devices, serial data devices, etc.), as well as the ability to monitor the center's health environment via sensors *.

NRGence eco [PDU](#)s offer remote power control combined with real-time power measurement - allowing you to control and monitor the power status of devices attached to the [PDU](#)s, either at the [PDU](#) device or bank level, from practically any location via a TCP/IP connection **.

The eco [PDU](#) also offers comprehensive power analysis reports providing precise measurements of current, voltage, power and watt-hour in a real-time display.

Installation and operation is fast and easy: plugging cables into their appropriate ports and user-friendly browserbased configuration and management is all that is entailed. Since the eco [PDU](#) firmware is upgradeable over the Net, you can stay current with the latest functionality improvements simply by downloading updates from our website as they become available.

NRGence eco [PDU](#)s support any 3rd party V1, V2, V3 SNMP Manager Software and NRGence [eco Sensors](#) (eco [PDU](#) Manager Software). [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.

Note:

* Sensors are optional accessories. A sensor-enabled installation is required to generate a more complete energyefficient data and chart. Higher sensor installation density is helpful to generate more accurate data.

**eco [PDU](#)s are primarily designed for access via Intranet; extra network security protection is suggested for Internet access usage.

Features

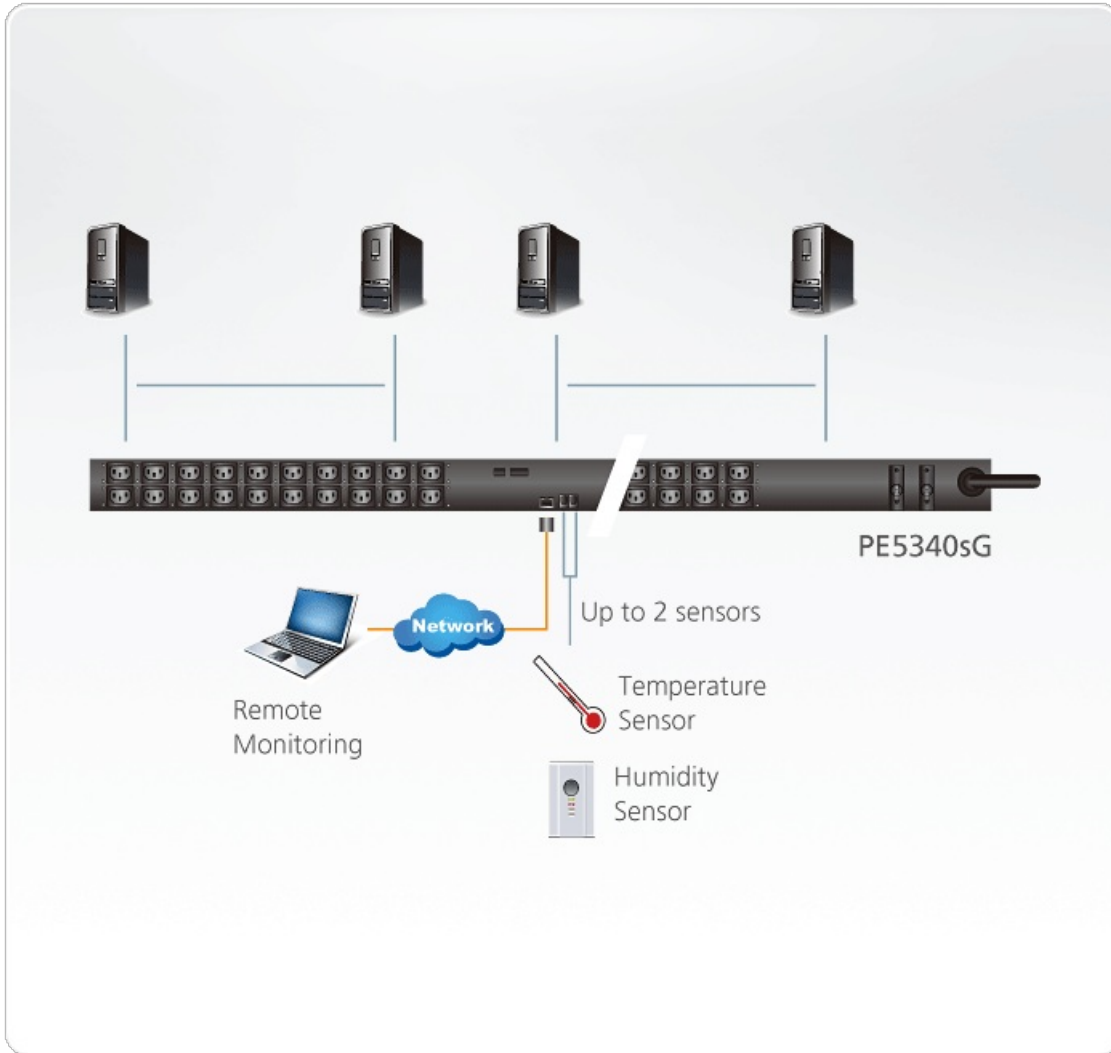
- **Connections**
 - Support 10/100Mbit Ethernet Interface
 - Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP, DNS, Auto Sense, Ping, Telnet, and SNMP V1, V2 & V3
 - Support 2-level account/password security, IP/MAC -filter, 128 bit SSL, RADIUS
 - Support : [eco Sensors](#), Browser (IE, Firefox, Chrome, Safari)
- **Metering**
 - Bank level power metering and monitoring
 - Environment Monitoring : support external temperature/temperature & humidity sensors for rack temperature and humidity monitoring
 - Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- **Outlet Switch Control**
 - Always On

Specifications

Function	PE5340sB	PE5340sG
Electrical		
Nominal Input Voltage	100 – 240 VAC	100 – 240 VAC
Maximum Input Current	30A Max; 24A(UL de-rated)	32A Max
Input Frequency	50-60 Hz	50-60 Hz
Input Connection	NEMA L6-30P	IEC 60309 32A
Input Power	6240 VA(Max); 4992 VA(UL de-rated)	7360 VA(Max)
Outlet Type	Total : 40 x IEC320 C13 Bank1 : Outlet 1 – 20 ; 20 x C13 Bank2 : Outlet 21 – 40 ; 20 x C13	Total : 40 x IEC320 C13 Bank1 : Outlet 1 – 20 ; 20 x C13 Bank2 : Outlet 21 – 40 ; 20 x C13
Nominal Output Voltage	100 – 240 VAC	100 – 240 VAC
Maximum Output Current (Outlet)	C13: 10A(Max); 12A(UL de-rated)	C13: 10A (Max)
Maximum Output Current (Bank)	15A(Max); 12A(UL de-rated)	16A(Max); TUV De-rated 15A(Max)
Maximum Output Current (Total)	30A(Max); 24A(UL de-rated)	32A(Max); TUV De-rated 30A(Max)
Breakers	2 x 16A UL489 breaker	1 x 16A UL489 breaker
Metering	Outlet Level Current, Voltage, VA, PF, kWh Monitoring	Outlet Level Current, Voltage, VA, PF, kWh Monitoring
Outlet Switching	None	None
Environment Sensor Ports	2	2
Metering Accuracy	Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%	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)	135.98 x 6.60 x 4.40 cm (53.54 x 2.6 x 1.73 in.)	135.98 x 6.60 x 4.40 cm (53.54 x 2.6 x 1.73 in.)
Weight	4.83 kg (10.64 lb)	4.83 kg (10.64 lb)
Power Cord Length	1.6m	1.6 m
Environmental		
Temperature (Operating / Storage)	0–50°C / -20–60°C	0–40°C / -20–60°C
Humidity (Operating & Storage)	0–80% RH, Non-Condensing	0–80% RH, Non-Condensing
Compliance		
EMC Verification	FCC Part 15 Class A, Others by Request	CE, Others by Request

Safety Verification	By Request	CE-LVD, 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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