

PE5340s

eco PDU

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

The NRGence PE5340s is an intelligent PDU 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 sensors¹.

NRGence eco PDUs offer remote power control combined with real-time power measurement - allowing you to control and monitor the power status of devices attached to the PDUs, either at the PDU device or bank level, from practically any location via a TCP/IP connection².

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 browser-based 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 PDUs 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:** 1. Sensors are optional accessories. A sensor-enabled installation is required to generate a more complete energy-efficient data and chart. Higher sensor installation density is helpful to generate more accurate data.
2. eco PDUs are primarily designed for access via Intranet; extra network security protection is suggested for Internet access usage.

PE5340sB ECO PDU

Description:	100-240V 30A 0U 40-Outlet PDU
Function:	0-Outlet Metering, 0-Outlet Switch Control & 2-Bank Metering
Input Power Plug:	NEMA L6-30P 
Power Capacity:	6.2 kW
Socket Configuration:	IEC 60320 C13 (40) 

Features

Connections

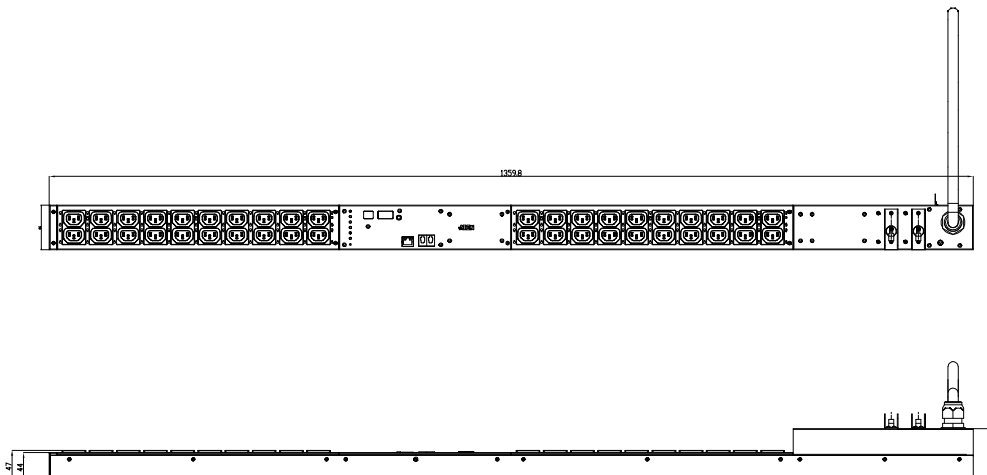
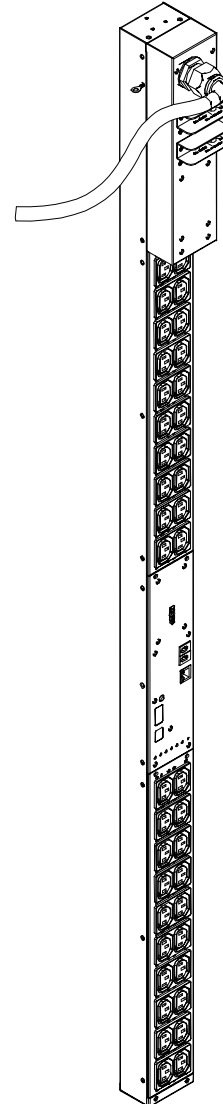
- Support 10/100Mbit Ethernet Interface
- Support TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, NTP,DNS, Auto Sense, Ping, SNMP V1,V2&V3
- Support 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Support : eco Sensors, Browser (IE, Firefox, Chrome, Safari)

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

Model	PE5340sB
Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	30A Max ; 24A (UL de-rated)
Input Frequency	50-60 Hz
Input Connection	NEMA L6-30P
Input Power	6240 VA(Max) 4992 VA (UL de-rated) Total : 40 x IEC320 C13
Outlet Type	Bank1 : Outlet 1 – 20 ; 20 x C13 Bank2 : Outlet 21 – 40 ; 20 x C13
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	C13 : 15A (Max) 12A(UL de-rated)
Maximum Output Current (Bank)	15A(Max) 12A (UL de-rated)
Maximum Output Current (Total)	30A(Max) 24A (UL de-rated)
Breakers	2 x 16A UL489 breaker
Metering	Per Bank level Current, Voltage, VA , PF and KWh Monitoring
Outlet Switch	None
Environment Sensor Port	2
Metering Accuracy	Voltage range: 100VAC ~ 250VAC +/-1% Power range: 100W ~ 5000W +/- 2% Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Mechanical	
Dimension (H x W x D)	135.9 x 6.6 x 4.4 cm
Shipping Dimensions (H x W x D)	147x24.8x19.4 cm
Weight/Shipping Weight	4.58 / 9Kg
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 Part 15 Class A, Others by Reuest
Safety Verification	TUV-CB, Others by Reuest

Package Contents

1. PE5340sB PDU
2. Standard Rack Mount Kit
3. Quick Start Guide
4. CD-ROM (Manual, eco Sensors Software)



Rack Mount Kit

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature

Cable Holders

Part No.	Description
2X-EA07	Lok-U-Plug Cable Holder (10 pcs per pack) Patent Pending!
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

• Lok-U-Plug Installation

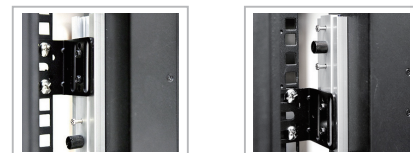


Mounting Kit

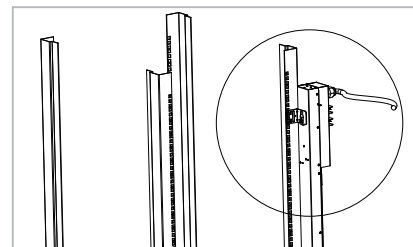

Slide Rail Kit
(2X-016G)

Button Mount Kit
(2X-017G)

• Side Mount Installation



• Button Mount Installation



PE5340sG ECO PDU

Description:	100-240V 32A 0U 40-Outlet PDU
Function:	0-Outlet Metering, 0-Outlet Switch Control & 2-Bank Metering
Input Power Plug:	IEC 60309 32A 
Power Capacity:	7.4 kW
Socket Configuration:	IEC 60320 C13 (20) 

Features

Connections

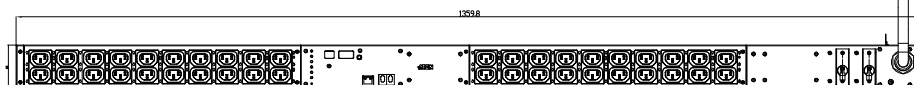
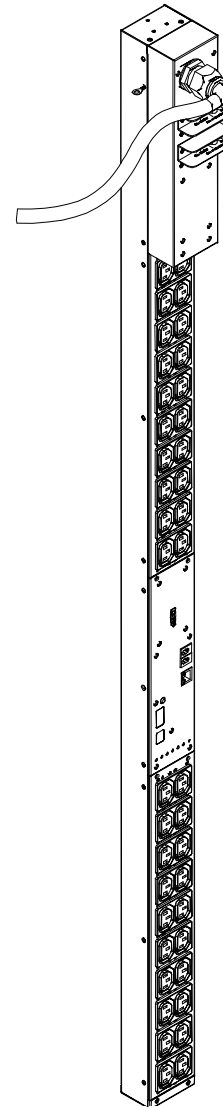
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Outlet Switch Control

- Always On



Specifications

Model	PE5340sG
Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	32A Max
Input Frequency	50-60 Hz
Input Connection	IEC 60309 32A
Input Power	7360 VA(Max)
Outlet Type	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
Maximum Output Current (Outlet)	C13 : 10A (Max)
Maximum Output Current (Bank)	16A(Max), TUV De-rated 15A(Max)
Maximum Output Current (Total)	32A(Max) , TUV De-rated 30A(Max)
Breakers	2 x 16A UL489 breaker
Metering	Per Bank level Current, Voltage, VA , PF and KWh Monitoring
Outlet Switch	None
Environment Sensor Port	2
Metering Accuracy	Voltage range: 100VAC ~ 250VAC +/-1% Power range: 100W ~ 5000W +/- 2% Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Mechanical	
Dimension (H x W x D)	135.9 x 6.6 x 4.4 cm
Shipping Dimensions (H x W x D)	147x24.8x19.4 cm
Weight/Shipping Weight	4.58 / 9Kg
Power Cord Length	1.6m
Environmental	
Temperature (Operating / Storage)	0 – 40°C / -20 – 60°C
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	CE, Others by Request
Safety Verification	CE-LVD,TUV-CB, Others by Request

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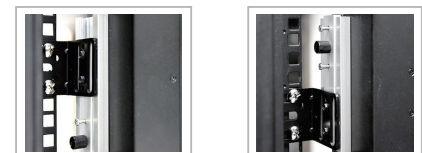


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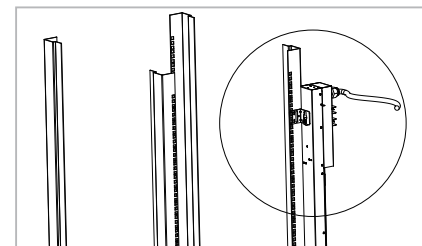

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