

PE8216/PE8324

ECO PDU

As part of its NRGence line, ATEN has developed a new generation of green energy power distribution units (eco PDUs) to effectively increase the efficiency of data center power usage. The NRGence PE8216 / PE8324 eco PDUs are intelligent PDUs that contain 16, or 24 AC outlets and are available in various IEC socket configurations. Models in the advanced PE8 ranges feature NRGence's proactive overload protection, which automatically powers off the last outlet that caused the current overload.

NRGence eco PDUs provide secure, centralized, intelligent, power management (power on, off, cycle) 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 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, bank, or outlet level, depending on the model, from practically any location via a TCP/IP connection.

The power status of each outlet can be set individually, allowing users to switch each device On/Off. The eco PDU also offers comprehensive power analysis reports which can separate departments and locations, 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 PDU supports any 3rd party 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.

With its advanced security features and ease of operation, the eco PDU is the most convenient, most reliable, and most cost effective way to remotely manage power access for multiple computer installations and allocate power resources in the most efficient way possible.

* Note:

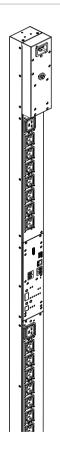
- 1. Sensors are optional accessories. A sensor-enabled installation is required to generate a more complete energyefficientdata and chart. Higher sensor installation density is helpful to generate more accurate data.
- 2. eco PDUs are primarily designed for access via Intranet; extra network security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



PE8216B ECO PDU

Description:	100-240V 20A 0U 16-Outlet PDU
Function:	16-Outlet Metering,
	16-Outlet Switching Control &
	1-Bank Metering
Input Power Plug:	NEMA 6-20P
Power Capacity:	4.2 kW
Socket	IEC 60320 C19 (2)
Configuration:	IEC 60320 C13 (14)





Features

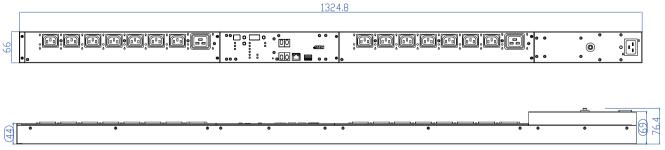
Connections

- Supports 10/100Mbit Ethernet Interface
- Supports TCP/IP, UDP, HTTP, HTTPS, SSL, DCHP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2&V3
- Supports three-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Supports, eco Sensors, multiple Browsers (IE, Firefox, Chrome, Safari)

Metering

- PDU and outlet level power metering and monitoring
- Environment monitoring supports external temperature/ temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU
- Supports multiple power control methods Wake on LAN,
 System After AC Back, Kill the Power
- Power-On sequencing users can set the poweron sequence and delay time for each outlet to allow equipment to be powered on in the correct order
- Proactive overload protection(POP) automatically powers off the last outlet that caused the current overload





Model	PE8216B
Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input	200 May 160 (III do rated)
Current	20A Max ; 16A (UL de-rated)
Input Frequency	50-60 Hz
Input Connection	1 x NEMA 6-20P
Input Power	4160 VA(Max) 3328 VA (UL de-rated)
	Total: 14 x IEC320 C13 + 2 x IEC320 C19
Outlet Type	Ban1-1 : Outlet 1 – 8 ; 7 x C13 + 1 x C19
	Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19
Nominal Output Voltage	100 – 240 VAC
Maximum Output	C13: 15A (Max) 12A(UL de-rated)
Current (Outlet)	C19: 20A (Max) 16A(UL de-rated)
Maximum Output	20A(Max) 16A (UL de-rated)
Current (Bank)	ZOA(Max) TOA (OL de-Tated)
Maximum Output	20A(Max) 16A (UL de-rated)
Current (Total)	, , , ,
Breakers	1 x 20A Non-Fuse breaker
Metering	Per Outlet Level Current, Voltage, VA, PF, KWh
Outlet Switch	Monitoring Yes
Environment Sensor	
Port	4
	Voltage Range: 100VAC ~ 250VAC +/-1%
Metering Accuracy	Power Range: 100W ~ 5000W +/- 2%
,	Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Mechanical	carrett natiger of the transfer of the transfe
Dimension (H x W x D)	132.5 x 6.6 x 4.4 cm
Shipping Dimensions (H x W x D)	142 x 16 x 17 cm
Weight/Shipping Weight	3.9 / 7.9 kg
Power Cord Length	1.6 m
Environmental	1.0111
Temperature	2 7000 / 22 7000
(Operating / Storage)	0 − 50°C / −20 − 60°C
Humidity	0 900/ PH Non Condonsing
(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. PE8216B
- 2. Standard Rack Mount Kit
- 3. Quick Start Guide
- 4. CD-ROM (Manual, eco Sensors Software)
- 5. Power Cord

Optional Accessories

Environment Sensors

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

Door Sensors

Part No.	Sensor
EA1440	Photo Door Sensor
EA1441	Inductive Proximity Door Sensor
EA1442	Reed Door Sensor

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





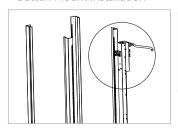


Side Panel Mount Kit (2X-018G)





2X-018G





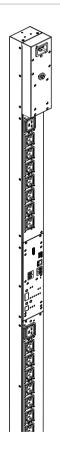
Rack Mount Kit



PE8216G ECO PDU

Description:	100-240V 16A 0U 16-Outlet PDU
Function:	16-Outlet Metering,
	16-Outlet Switching Control &
	1-Bank Metering
Input Power Plug:	IEC 60320 C20 🖃
Power Capacity:	3.7 kW
Socket	IEC 60320 C19 (2)
Configuration:	IEC 60320 C13 (14)





Features

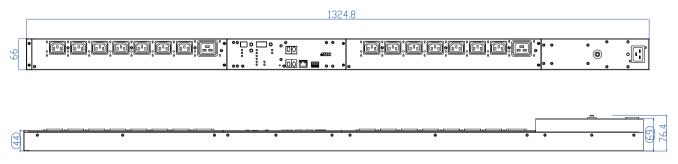
Connections

- Supports 10/100Mbit Ethernet Interface
- Supports TCP/IP, UDP, HTTP, HTTPS, SSL, DCHP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2&V3
- Supports three-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Supports, eco Sensors, multiple Browsers (IE, Firefox, Chrome, Safari)

Metering

- PDU and outlet level power metering and monitoring
- Environment monitoring supports external temperature/ temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU
- Supports multiple power control methods Wake on LAN,
 System After AC Back, Kill the Power
- Power-On sequencing users can set the poweron sequence and delay time for each outlet to allow equipment to be powered on in the correct order
- Proactive overload protection(POP) automatically powers off the last outlet that caused the current overload





Model	PE8216G
Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	16A Max
Input Frequency	50-60 Hz
Input Connection	1 x IEC60320 C20
Input Power	3680 VA(Max)
	Total: 14 x IEC320 C13 + 2 x IEC320 C19
Outlet Type	Bank1-1: Outlet 1 – 8; 7 x C13 + 1 x C19
	Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19
Nominal Output Voltage	100 – 240 VAC
Maximum Output	C13:10A (Max)
Current (Outlet)	C19: 16A (Max), TUV De-rated 15A(Max)
Maximum Output	
Current (Bank)	16A(Max), TUV De-rated 15A(Max)
Maximum Output	16A(Max), TUV De-rated 15A(Max)
Current (Total)	
Breakers	1 x 16A Non-Fuse breaker
Metering	Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
	Voltage Range: 100VAC ~ 250VAC +/-1%
Metering Accuracy	Power Range: 100W ~ 5000W +/- 2%
	Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Mechanical	
Dimension (H x W x D)	132.5 x 6.6 x 4.4 cm
Shipping Dimensions (H x W x D)	142 x 16 x 17 cm
Weight/Shipping Weight	3.9 / 7.9 kg
Power Cord Length	1.6 m
Environmental	
Temperature	0 − 40°C / -20 − 60°C
(Operating / Storage)	0 40 0 7 20 00 0
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	CE, Others by Request
Safety Verification	TUV-CB, CE-LVD, Others by Request

Package Contents

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Optional Accessories

Environment Sensors

Part No.	Sensor	
EA1140	Temperature	
EA1240	Temperature / Humidity	
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Door Sensors

Part No.	Sensor
EA1440	Photo Door Sensor
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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



Button Mount Kit (2X-017G)

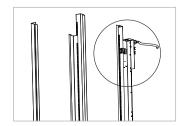


Side Panel Mount Kit (2X-018G)





2X-018G



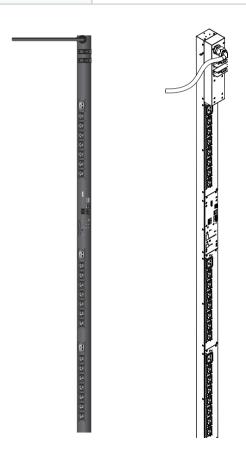


Rack Mount Kit



PE8324B ECO PDU

Description:	100-240V 30A 0U 24-Outlet PDU
Function:	24-Outlet Metering, 24-Outlet Switching Control & 2-Bank Metering
Input Power Plug:	NEMA L6-30P
Power Capacity:	6.2 kW
Socket Configuration:	IEC 60320 C19 (3)
Cornigulation.	IEC 60320 C13 (21)



Features

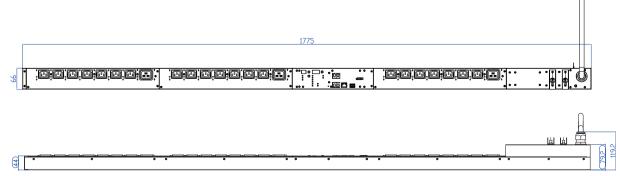
Connections

- Supports 10/100Mbit Ethernet Interface
- Supports TCP/IP, UDP, HTTP, HTTPS, SSL, DCHP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2&V3,
- Supports three-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
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 System After AC Back, Kill the Power
- Power-On sequencing users can set the poweron sequence and delay time for each outlet to allow equipment to be powered on in the correct order
- Proactive overload protection(POP) automatically powers off the last outlet that caused the current overload





Selectrical Nominal Input Voltage Maximum Input Gurrent So-60 Hz Input Frequency So-60 Hz Input Power G240 VA(Max) 4992 VA (UL de-rated) Input Power G240 VA(Max) 4992 VA (UL de-rated) Total : 21 x IEC320 C13 + 3 x IEC320 C19 Bank1-1 : Outlet 1 - 8; 7 x C13 + 1 x C19 Bank2 : Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2 : Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2 : Outlet 17 - 24; 7 x C13 + 1 x C19 Input Power Outlet Incompleted Input Power In	Model	PE8324B
Nominal Input Voltage Maximum Input Current Input Frequency Input Connection Input Power Outlet Type Outlet Type Nominal Output Voltage Maximum Output Current (Outlet) Maximum Output Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port Mechanical Dimension (H x W x D) Weight/Shipping Weight Power Input Power So-60 Hz Sin Max ; 24A (UL de-rated) Sin Max ; 24A (UL de-rated) NEMA L6-30P Input Power So-60 Hz Input Courled (Max) 4992 VA (UL de-rated) Sin Max in EC320 C19 Bank1-1: Outlet 1 – 8; 7 x C13 + 1 x C19 Bank2: Outlet 17 – 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 – 24; 7 x C13 + 1 x C19 Input Power Sol Max in Input Voltage Input Courled (Input Sin Input Sin		1 203270
Maximum Input Current Input Frequency Input Connection Input Power 6240 VA(Max) 4992 VA (UL de-rated) Total: 21 x IEC320 C13 + 3 x IEC320 C19 Bank1-1: Outlet 1 - 8; 7 x C13 + 1 x C19 Bank2: Outlet 9 - 16; 7 x C13 + 1 x C19 Nominal Output Voltage Maximum Output Current (Outlet) Current (Outlet) Maximum Output Current (Bank) Maximum Output Current (Total) Breakers 2 x 16A UL489 Breaker Metering Outlet Switch Environment Sensor Port 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) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH. Non-Condensing		100 – 240 VAC
Input Frequency Input Connection Input Power Outlet Type Outlet Type Nominal Output Voltage Maximum Output Current (Outlet) Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environments Sensor Port Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power (Operating / Storage) Humidity Outlet Type Sankl - 1 : Outlet 1 - 8 ; 7 x C13 + 1 x C19 Bankl - 2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bankl - 2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bankl - 2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bankl - 2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bankl - 2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bankl - 2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bankl - 2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bankl - 1 : Outlet 17 - 24 ; 7 x		200.04
Input Connection NEMA L6-30P Input Power 6240 VA(Max) 4992 VA (UL de-rated) Total : 21 x EC320 C13 + 3 x EC320 C19 Bank1-1 : Outlet 1 − 8; 7 x C13 + 1 x C19 Bank2 : Outlet 9 − 16; 7 x C13 + 1 x C19 Bank2 : Outlet 17 − 24; 7 x C13 + 1 x C19 Bank2 : Outlet 17 − 24; 7 x C13 + 1 x C19 Nominal Output Voltage		30A Max ; 24A (UL de-rated)
Input Power	Input Frequency	50-60 Hz
Outlet Type Bank1-1 : Outlet 1 - 8 ; 7 x C13 + 1 x C19 Bank1-2 : Outlet 9 - 16 ; 7 x C13 + 1 x C19 Bank2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bank2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bank2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Bank2 : Outlet 17 - 24 ; 7 x C13 + 1 x C19 Indoor	Input Connection	
Outlet Type Bank1-1: Outlet 1 - 8; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Maximum Output Current (Outlet) Maximum Output Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity Bank1-1: Outlet 1 - 8; 7 x C13 + 1 x C19 Bank2: Outlet 1 - 8; 7 x C13 + 1 x C19 Bank1-2: Outlet 9 - 16; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet 17 - 24; 7 x C13 + 1 x C19 Bank2: Outlet Alou L de-rated) 15A(Max) 12A(UL de-rated) 15A(Max) 12A	Input Power	. , ,
Outlet Type Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank2: Outlet 17 – 24; 7 x C13 + 1 x C19 Nominal Output Voltage Maximum Output Current (Outlet) Maximum Output Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity Naminum Output C13: 15A (Max) 12A (UL de-rated) C19: 15A (Max) 12A (UL de-rated) A0A(Max) 12A (UL de-rated) A0A(Max) 24A (UL de-rated) A		
Nominal Output Voltage Maximum Output Current (Outlet) Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity Nontiput Curlet 17 - 24; 7 x C13 + 1 x C19 100 - 240 VAC 100 - 240 VAC 100 - 240 VAC 100 - 240 VAC 100 - 240 VAC 100 - 240 VAC 100 - 24; 7 x C13 + 1 x C19	Outlet Type	Bank1-1: Outlet 1 – 8; 7 x C13 + 1 x C19
Nominal Output Voltage Maximum Output Current (Outlet) Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port Metering Accuracy Metering Accuracy Metering Dimensions (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity C13: 15A (Max) 12A (UL de-rated) C15: 15A (Max) 12A (UL de-rated) C15A (Max) 12A (UL de-rated) C15		Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19
Voltage Maximum Output Current (Outlet) Maximum Output Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity C13: 15A (Max) 12A(UL de-rated) C19: 15A (Max) 12A(UL de-rated) 15A(Max) 12A (UL de-rated) 30A(Max) 24A (UL de-rated) 2 x 16A UL489 Breaker Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring 4 Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg Power Cord Length Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH, Non-Condensing		Bank2: Outlet 17 – 24; 7 x C13 + 1 x C19
Current (Outlet) Maximum Output Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity C19: 15A (Max) 12A (UL de-rated) 15A(Max) 12A (UL de-rated) 10A(Max) 24A (UL de-rated) 30A(Max) 24A (UL de-rated) 30A(Max) 24A (UL de-rated) 4 (UL de-rated) 30A(Max) 24A (UL de-rated) 4 (Voltage Range: 100VAC ~ 250VAC +/-1% Power Current, Voltage, VA, PF, KWh Monitoring 4 (Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg 1.6 m Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH, Non-Condensing		100 – 240 VAC
Maximum Output Current (Bank)15A(Max) 12A (UL de-rated)Maximum Output Current (Total)30A(Max) 24A (UL de-rated)Breakers2 x 16A UL489 BreakerMeteringPer Outlet Level Current, Voltage, VA, PF, KWh MonitoringOutlet SwitchYesEnvironment Sensor Port4Wetering AccuracyVoltage Range: 100VAC ~ 250VAC +/-1%MechanicalPower Range: 100W ~ 5000W +/- 2%Dimension (H x W x D)177.5 x 6.6 x 4.4 cmShipping Dimensions (H x W x D)189 x 21 x 17 cmWeight/Shipping Weight6.5 / 10.5 kgPower Cord Length1.6 mEnvironmental1.6 mEnvironmental0 - 50°C / -20 - 60°CHumidity0 - 80% RH, Non-Condensing	Maximum Output	C13:15A (Max) 12A(UL de-rated)
Current (Bank) Maximum Output Current (Total) Breakers 2 x 16A UL489 Breaker Metering Outlet Switch Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Metering Accuracy Metering Accuracy Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 30A(Max) 24A (UL de-rated) 4	. ,	C19: 15A (Max) 12A(UL de-rated)
Maximum Output Current (Total) Breakers 2 x 16A UL489 Breaker Metering Outlet Switch Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Metering Accuracy Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 30A(Max) 24A (UL de-rated) 2 x 16A UL489 Breaker Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring 2 x 16A UL489 Breaker Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring 2 x 16A UL489 Breaker Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring 1 4 Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg 1.6 m Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH, Non-Condensing		15A(Max) 12A (UL de-rated)
Current (Total) Breakers 2 x 16A UL489 Breaker Metering Outlet Switch Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Metering Accuracy Metering Accuracy Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity A value (Lde-rated) 2 x 16A UL489 Breaker Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg Power Cord Length Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH, Non-Condensing	. ,	
Breakers 2 x 16A UL489 Breaker Metering Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring Outlet Switch Yes Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Metering Accuracy Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH, Non-Condensing		30A(Max) 24A (UL de-rated)
Monitoring Outlet Switch Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Metering Accuracy Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity Monitoring Monitoring Monitoring 4 Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg 0 - 50°C / -20 - 60°C 0 - 80% RH, Non-Condensing		2 x 16A UL489 Breaker
Outlet Switch Environment Sensor Port 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) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg 1.6 m 1.6 m 1.6 m 1.7 Condensing	Motoring	Per Outlet Level Current, Voltage, VA, PF, KWh
Environment Sensor Port Voltage Range: 100VAC ~ 250VAC +/-1% Metering Accuracy Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg Power Cord Length Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH, Non-Condensing		Monitoring
Voltage Range: 100VAC ~ 250VAC +/-1%		Yes
Metering Accuracy Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity Power Range: 100W ~ 5000W +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg 0 - 50°C / -20 - 60°C 0 - 80% RH, Non-Condensing		4
Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% Mechanical Dimension (H x W x D) 177.5 x 6.6 x 4.4 cm Shipping Dimensions (H x W x D) 189 x 21 x 17 cm Weight/Shipping Weight 6.5 / 10.5 kg Power Cord Length 1.6 m Environmental Temperature (Operating / Storage) Humidity 0 - 80% RH, Non-Condensing		Voltage Range: 100VAC ~ 250VAC +/-1%
Mechanical Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg 1.6 m 1.6 m 1.6 m 0 - 50°C / -20 - 60°C 0 - 80% RH, Non-Condensing	Metering Accuracy	Power Range: 100W ~ 5000W +/- 2%
Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 177.5 x 6.6 x 4.4 cm 189 x 21 x 17 cm 6.5 / 10.5 kg 1.6 m 1.6 m 1.6 m 1.7 m 1.6 m 1.7 m 1.7 m 1.8 m 1.9 m		Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 189 x 21 x 17 cm 6.5 / 10.5 kg 1.6 m 1.6 m 0 - 50°C / -20 - 60°C 0 - 80% RH, Non-Condensing	Mechanical	
(H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 189 x 21 x 17 cm 6.5 / 10.5 kg 6.5 / 10.5 kg 0 - 50°C / -20 - 60°C 0 - 80% RH, Non-Condensing		177.5 x 6.6 x 4.4 cm
Weight Power Cord Length Environmental Temperature (Operating / Storage) Humidity 0 - 50°C / -20 - 60°C 0 - 80% RH, Non-Condensing	•	189 x 21 x 17 cm
Environmental Temperature (Operating / Storage) Humidity 0 – 50°C / -20 – 60°C 0 – 80% RH, Non-Condensing	3 11 3	6.5 / 10.5 kg
Temperature (Operating / Storage) Humidity $0 - 50^{\circ}\text{C} / -20 - 60^{\circ}\text{C}$ $0 - 80\% \text{ RH. Non-Condensing}$	Power Cord Length	1.6 m
(Operating / Storage) Humidity 0 – 50°C / -20 – 60°C 0 – 80° RH. Non-Condensing	Environmental	
0 – 80% RH. Non-Condensing	•	0 – 50°C / -20 – 60°C
(Operating & Storage)	Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing
Compliance		
EMC Verification FCC Part 15 Class A, Others by Reuest		FCC Part 15 Class A, Others by Reuest
Safety Verification TUV-CB, Others by Reuest	Safety Verification	TUV-CB, Others by Reuest

Package Contents

- 1. PE8324B
- 2. Standard Rack Mount Kit
- 3. Quick Start Guide
- 4. CD-ROM (Manual, eco Sensors Software)

Optional Accessories

Environment Sensors

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

Door Sensors

Part No.	Sensor
EA1440	Photo Door Sensor
EA1441	Inductive Proximity Door Sensor
EA1442	Reed Door Sensor

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)

(2X-017G)

Button Mount Kit Side Panel Mount Kit (2X-018G)

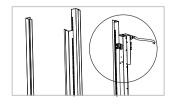
Side Mount Installation







2X-018G



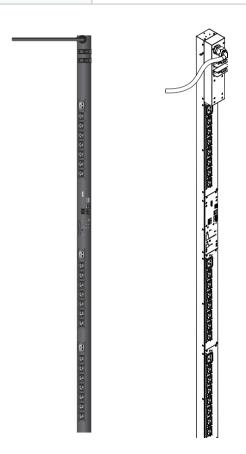


Rack Mount Kit



PE8324G ECO PDU

Description:	100-240V 32A 0U 24-Outlet PDU
Function:	24-Outlet Metering,
	24-Outlet Switch Control & 2-Bank
	Metering
Input Power Plug:	IEC 60309 32A 💿
Power Capacity:	7.4 kW
Socket	IEC 60320 C19 (3)
Configuration:	IEC 60320 C13 (21)



Features

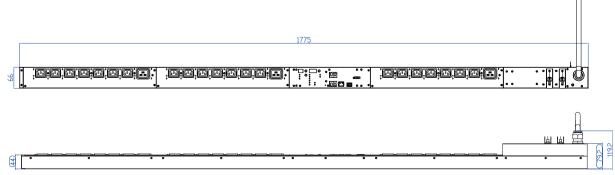
Connections

- Supports 10/100Mbit Ethernet Interface
- Supports TCP/IP, UDP, HTTP, HTTPS, SSL, DCHP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2&V3,
- Supports three-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Supports, eco Sensors, multiple Browsers (IE, Firefox, Chrome, Safari)

Metering

- PDU and outlet level power metering and monitoring
- Environment monitoring supports external temperature/ temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting
- Support door sensor

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU
- Supports multiple power control methods Wake on LAN,
 System After AC Back, Kill the Power
- Power-On sequencing users can set the poweron sequence and delay time for each outlet to allow equipment to be powered on in the correct order
- Proactive overload protection(POP) automatically powers off the last outlet that caused the current overload





Model	PF8324G
Electrical	1 103240
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)
	Total: 21 x IEC320 C13 + 3 x IEC320 C19
Outlet Type	Bank1-1: Outlet 1 – 8; 7 x C13 + 1 x C19
outlet type	Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19
	Bank2: Outlet 17 – 24; 7 x C13 + 1 x C19
Nominal Output Voltage	100 – 240 VAC
Maximum Output	C13:10A (Max)
Current (Outlet)	C19: 16A (Max), TUV De-rated 15A(Max)
Maximum Output	16A(Max), TUV De-rated 15A(Max)
Current (Bank)	Ton(Max), To v De Tated Ton(Max)
Maximum Output	32A(Max), TUV De-rated 30A(Max)
Current (Total) Breakers	2 x 16A UI 489 Breaker
Dieakers	Per Outlet Level Current, Voltage, VA, PF, KWh
Metering	Monitoring
Outlet Switch	Yes
Environment Sensor	4
Port	·
	Voltage Range: 100VAC ~ 250VAC +/-1%
Metering Accuracy	Power Range: 100W ~ 5000W +/- 2%
Marilian Conf	Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Mechanical Dimension (H x W x D)	177.5 x 6.6 x 4.4 cm
Shipping Dimensions	177.5 X 0.0 X 4.4 CIII
(HxWxD)	189 x 21 x 17 cm
Weight/Shipping	C
Weight	6.5 / 10.5 kg
Power Cord Length	1.6 m
Environmental	
Temperature	0 − 40°C / −20 − 60°C
(Operating / Storage) Humidity	
(Operating & Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	CE, Others by Request
Safety Verification	TUV-CB, CE-LVD, Others by Request
	,

Package Contents

- 1. PE8324G
- 2. Standard Rack Mount Kit
- 3. Quick Start Guide
- 4. CD-ROM (Manual, eco Sensors Software)

Optional Accessories

Environment Sensors

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

Door Sensors

Part No.	Sensor
EA1440	Photo Door Sensor
EA1441	Inductive Proximity Door Sensor
EA1442	Reed Door Sensor

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)

(2X-017G)

Button Mount Kit Side Panel Mount Kit (2X-018G)

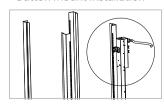
• Side Mount Installation







2X-018G

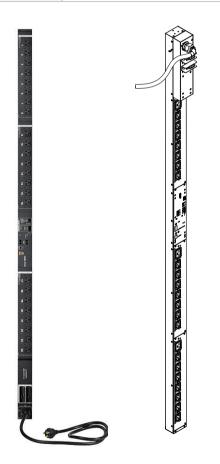






PE8324A ECO PDU

Description:	100-240V 30A 0U 24-Outlet PDU
Function:	24-Outlet Metering, 24-Outlet Switching Control & 2-Bank Metering
Input Power Plug:	NEMA L5-30P
Power Capacity:	3.6 kW
Socket Configuration:	24 x NEMA 5-15R 📆



Features

Connections

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

Metering

- PDU and outlet level power metering and monitoring
- Environment monitoring supports external temperature/ temperature & humidity sensors for rack temperature and humidity monitoring
- Current, voltage, power, power dissipation, temperature, and humidity metering and threshold level setting

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- Supports multiple power control methods Wake on LAN,
 System After AC Back, Kill the Power
- Power-On sequencing users can set the power-on sequence and delay time for each outlet to allow equipment to be powered on in the correct order





Model	PE8324A
Electrical	
Nominal Input Voltage	100 – 120 VAC
Maximum Input Current	30A Max ; 24A (UL de-rated)
Input Frequency	50-60 Hz
Input Connection	NEMA L5-30P
Input Power	6240 VA(Max) 4992 VA (UL de-rated)
Outlet Type	Total: 24 x NEMA 5-15R
Nominal Output Voltage	100 – 120 VAC
Maximum Output Current (Outlet)	NEMA 5-15R: 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 Outlet Level Current, Voltage, VA, PF, KWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
	Voltage Range: 100VAC ~ 250VAC +/-1%
Metering Accuracy	Power Range: 100W ~ 5000W +/- 2%
Marilia de la	Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Mechanical	
Dimension (H x W x D)	177.5 x 6.6 x 4.4 cm
Shipping Dimensions (HxWxD)	189 x 21 x 17 cm
Weight/Shipping Weight	6.5 / 10.5 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 − 50°C / −20 − 60°C
Humidity	0 – 80% RH, Non-Condensing
(Operating & Storage) Compliance	
EMC Verification	FCC
Safety Verification	CE-LVD

Package Contents

- 1. PE8324A
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- 4. CD-ROM (Manual, eco Sensors Software)

Optional Accessories

Environment Sensors

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

Door Sensors

Part No.	Sensor
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EA1442	Reed Door Sensor

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 Panel Mount Kit (2X-018G)

• Side Mount Installation



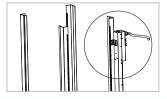


2X-016G



2X-018G

• Button Mount Installation





Rack Mount Kit

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Phone: 886-2-8692-6789 Fax: 886-2-8692-6767 www.aten.com E-mail: marketing@aten.com

