

## PE9216r / PE9324r

## 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 PE9216r / PE9324r eco PDUs are intelligent PDUs that contain 16 or 24 AC outlets and are available in various IEC or NEMA socket configurations.

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<sup>1</sup>.

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<sup>2</sup>.

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.

In order to manage more outlets from the same single session, the eco PDU also provides daisy chain functionality; up to 5 additional units can be daisy chained. 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 V1, V2, V3 SNMP Manager Software, NRGence eco Sensors (eco PDU Manager Software), and CC2000 Control Center Over the NET 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.

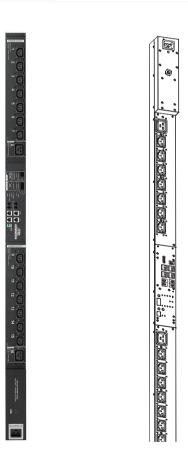
With its advanced security features and ease of operation, the eco PDU is the most convenient, most reliable, and most cost effective way to remotely manage power access for multiple computer installations and allocate power resources in the most efficient way possible.

- \* **Note:** 1. Sensors are optional accessories. A sensor-enabled installation is required to generate a more complete 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.



# PE9216rG ECO PDU

Description:	100-240V 16A 0U 16-Outlet PDU
Function:	16-Outlet Metering, 8-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, Modem, RS-232, Daisy Chain interface
- Supports TCP/IP, PPP, UDP, HTTP, HTTPS, SSL, STP, DCHP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2&V3, IPv6
- Supports three-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS, TACACS+, LDAP, LDAPS and Active Directory
- Supports CC2000, eco Sensors, Java API, multiple Browsers (IE, Firefox, Chrome, Safari), OOBC/RS232

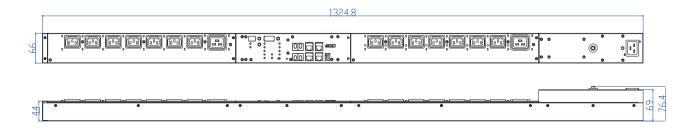
### Metering

- 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

### **Outlet Switch Control**

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU and daisy chain level
- Daisy chain with PON In PON Out port
- On/Off scheduling for individual outlets and outlet groups

   power management tasks can be scheduled on a daily,
   weekly, monthly, or user-specified basis
- 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
- Critical load outlet keeps power always on for critical load devices
- Proactive overload protection automatically powers off the last outlet that caused the current overload





# **Specifications**

Electrical	Model	PE9216rG
Maximum Input Current Input Frequency Input Connection Input Power  3680 VA(Max)  Total: 14 x IEC320 C13 + 2 x IEC320 C19 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 Maximum Output Current (Outlet) Current (Bank) Maximum Output Current (Total) Breakers  1 x 16A Non-Fuse breaker Metering 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) Compliance EMC Verification  1 x IEC60320 C20 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x ICC320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 2 x IEC320 C19 1 x ICC320 C13 + 2 x IEC320 C19 1 x IEC60320 C13 + 1 x C19 1 x ICC320 II x I x ICC320 II x I x I x I x I x I x I x I x I x I	Electrical	
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Input Connection Input Power  Input Input Power  Input Power  Input Power  Input Power  Input Input Power  Input Input Power  Input Input Input Power  Input Inpu		16A Max
Input Power  3680 VA(Max)  Total: 14 x IEC320 C13 + 2 x IEC320 C19  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  Maximum Output  Current (Outlet)  Current (Bank)  Maximum Output  Current (Total)  Breakers  1 x 16A (Max), TUV De-rated 15A(Max)  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)  Compliance  EMC Verification  Southet 1: A x IEC320 C13 + 2 x IEC320 C19  Bank1-1: Outlet 1 - 8; 7 x C13 + 1 x C19  Bank1-1: A (Tital)  100 - 240 VAC  C13: 10A (Max)  TUV De-rated 15A(Max)  16A(Max), TUV De-rated 15A(Max)  16A(Max)	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  Nominal Output Voltage  Maximum Output Current (Outlet)  Maximum Output Current (Bank)  Maximum Output Current (Total)  Breakers  1 x 16A (Max), TUV De-rated 15A(Max)  Metering  Outlet Switch  Environment Sensor Port  Voltage Range: 100VAC ~ 250VAC +/-1%  Metering Accuracy  Metering Dimensions (H x W x D)  Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Compliance EMC Verification  Total: 14 x IEC320 C13 + 2 x IEC320 C19 Bank1-1: Outlet 1 – 8; 7 x C13 + 1 x C19 Bank1-1 × C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank1-2: Ha x C19 Bank1-2: Ha x Max)  Total: 14 x IEC320 C13 + 2 x IEC320 C19 Bank1-1 x C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank1-2: Ha x C19 Bank1-2: Ha x IOx Max)  Total + 1 x IEC320 C13 + 2 x C13 + 1 x C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank1-2: Ha x IOx Max)  Total + 1 x IEC320 C13 + 2 x C13 + 1 x C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank1-2: Outlet De-rated 15A(Max)  Total + 1 x C19 Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank1-2: Outlet De-rated 15A(Max)  Total + 1 x C19 Bank1-2: Outlet De-rated 15A(Max)  Total + 1 x C19 Bank1-2: VD Pe-rated 15A(Max)  Total (Max), TUV De-rated 1	Input Connection	1 x IEC60320 C20
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 Maximum Output Current (Outlet) Maximum Output Current (Bank) Maximum Output Current (Total) Breakers  Metering  Outlet Switch Environment Sensor Port  Metering Accuracy  Metering Accuracy  Metering Dimension (H x W x D) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Compliance EMC Verification  Doutlet Sutch  Bank1-1: Outlet 9 – 16; 7 x C13 + 1 x C19 Bank1-2: 100 (Max) Due-rated 15A(Max)  100 – 240 VAC C13: 10A (Max) C19: 16A (Max), TUV De-rated 15A(Max)  16A(Max), TUV De-rated 15A(Max)  16A(Ma	Input Power	3680 VA(Max)
Nominal Output Voltage  Maximum Output Current (Outlet) 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 Power Cord Length Environmental Temperature (Operating & Storage) Compliance EMC Verification  Maximum Output C13: 10A (Max) C19: 16A (Max), TUV De-rated 15A(Max)  16A(Max), TUV De-rated 15A(		Total: 14 x IEC320 C13 + 2 x IEC320 C19
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) Shipping Dimensions (H x W x D) Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Compliance EMC Verification  Current (Outlet) C13 : 10A (Max) C13 : 10A (Max) C13 : 10A (Max) C14 : 10A (Max) TUV De-rated 15A(Max)  16A(Max), TUV De-rated 15A(Max) 16A(Max) TUV De-rated 15A(Max)  16A(Max), TUV De-rated 15A(Max) 16A(Max) TUV De-rated 15A(Max)  16A(Max) T	Outlet Type	Bank1-1: Outlet 1 – 8; 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  Voltage Range: 100VAC ~ 250VAC +/-1%  Mechanical  Dimension (H x W x D)  Weight/Shipping Weight Power Cord Length Environmental Temperature (Operating / Storage) Compliance  EMC Verification  C13: 10A (Max) C19: 16A (Max), TUV De-rated 15A (Max)  16A(Max), TUV De-rated 15A (Max)  16		Bank1-2: Outlet 9 – 16; 7 x C13 + 1 x C19
Maximum Output Current (Outlet) Current (Outlet) Current (Outlet) Current (Bank) Maximum Output Current (Total) Breakers Metering Outlet Switch Environment Sensor Port  Metering Accuracy  Newer Range: 100W ~ 250VAC +/-1%  Mechanical  Dimension (H x W x D)  Shipping Dimensions  (H x W x D)  Meight/Shipping  Weight  Metering	•	100 – 240 VAC
Maximum Output Current (Bank) Maximum Output Current (Total) Breakers  1 x 16A Non-Fuse 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)  Shipping Dimensions (H x W x D)  Weight/Shipping Weight  Power Cord Length  Environmental  Temperature (Operating / Storage)  Compliance  EMC Verification  16A(Max), TUV De-rated 15A(Max)  16A(Max)  15A(Max)  16A(Max), TUV De-rated 15A(Max)  16A(Max)  15A(Max)  16A(Max), TUV De-rated 15A(Max)  16A(Max), TuV De-	Maximum Output	C13:10A (Max)
Current (Bank)  Maximum Output Current (Total)  Breakers  1 x 16A (Max), TUV De-rated 15A(Max)  Breakers  1 x 16A Non-Fuse breaker  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring Bank1-1: None Bank1-2: Yes  Environment Sensor Port  Voltage Range: 100VAC ~ 250VAC +/-1%  Metering Accuracy  Power 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 (Operating & Storage)  Compliance  EMC Verification  I x 16A (Max), TUV De-rated 15A(Max)  16A(Max), TUV De-rated 15A(Max)  15A(Ma	Current (Outlet)	C19: 16A (Max), TUV De-rated 15A(Max)
Current (Bank)  Maximum Output Current (Total)  Breakers  1 x 16A Non-Fuse breaker  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring Bank1-1: None Bank1-2: Yes  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 (Operating & Storage)  Compliance  EMC Verification  1 x 16A Non-Fuse breaker  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring Bank1-1: None Bank1-2: Yes  4  Voltage Range: 100VAC ~ 250VAC +/-1%  Power Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 80% RH, Non-Condensing  CE, C-Tick		16A(Max), TUV De-rated 15A(Max)
Current (Total)  Breakers  1 x 16A Non-Fuse breaker  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring  Bank1-1: None Bank1-2: 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 (Operating & Storage)  Compliance  EMC Verification  I x 16A Non-Fuse breaker  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring  1 x 16A Non-Fuse breaker  1 x 16A		,
Breakers  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)  Current Range: 0 - 40°C / -20 - 60°C  EMC Verification  1 x 16A Non-Fuse breaker  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring Bank1-1: None Bank1-2: Yes  4  Voltage Range: 100VAC ~ 250VAC +/-1%  Power Range: 100W ~ 5000W +/- 2%  Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 80% RH, Non-Condensing  CE, C-Tick	•	16A(Max), TUV De-rated 15A(Max)
Metering  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring  Bank1-1: None Bank1-2: 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 (Operating & Storage)  Compliance  EMC Verification  Per Outlet Level Current, Voltage, VA, PF, KWh Monitoring Bank1-1: None Bank1-2: Yes  4  Voltage Range: 100VAC ~ 250VAC +/-1%  Power Range: 100W ~ 5000W +/- 2%  Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3 8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 80% RH, Non-Condensing  CE, C-Tick	. ,	1 x 16A Non-Fuse breaker
Monitoring Bank1-1: None Bank1-2: 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  Weight  Power Cord Length  Environmental  Temperature (Operating / Storage)  Humidity (Operating & Storage)  Compliance  EMC Verification  Monitoring Bank1-1: None Bank1-2: Yes  4  Voltage Range: 100VAC ~ 250VAC +/-1%  Power Range: 100VAC ~ 250VAC +/-1%  142 x 16 x 17 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 80% RH, Non-Condensing		
Outlet Switch  Environment Sensor Port  4  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 (Operating & Storage)  Compliance  EMC Verification  4  Voltage Range: 100VAC ~ 250VAC +/-1%  Power Range: 100W ~ 5000W +/- 2%  Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 80% RH, Non-Condensing	Metering	
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 (Operating & Storage)  Compliance  EMC Verification  Voltage Range: 100VAC ~ 250VAC +/-1%  Power Range: 100W ~ 5000W +/- 2%  Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C /-20 - 60°C  0 - 80% RH, Non-Condensing	Outlot Switch	Bank1-1 : None
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 (Operating & Storage)  Compliance  EMC Verification  Voltage Range: 100VAC ~ 250VAC +/-1%  Power Range: 100W ~ 5000W +/- 29  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 80% RH, Non-Condensing		Bank1-2: 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 (Operating & Storage)  Compliance  EMC Verification  Power Range: 100W ~ 5000W +/- 2%  Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%  132.5 x 6.6 x 4.4 cm  3 x 4.4 cm  142 x 16 x 17 cm  142 x 16 x 17 cm  0 - 40°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)  Shipping Dimensions (H x W x D)  Weight/Shipping Weight  Power Cord Length  Environmental  Temperature (Operating / Storage)  Humidity (Operating & Storage)  Compliance  EMC Verification  Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  3.8 / 7.8 kg  0 - 40°C /-20 - 60°C  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 (Operating & Storage) Compliance  EMC Verification  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 40°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 (Operating & Storage)  Compliance  EMC Verification  132.5 x 6.6 x 4.4 cm  142 x 16 x 17 cm  3.8 / 7.8 kg  0 - 40°C / -20 - 60°C  0 - 80% RH, Non-Condensing		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 (Operating & Storage) Compliance EMC Verification  142 x 16 x 17 cm		
(HxWxD)     142 x 16 x 17 cm       Weight/Shipping     3.8 / 7.8 kg       Weight     3 m       Environmental     Temperature       (Operating / Storage)     0 − 40°C / −20 − 60°C       Humidity     0 − 80% RH, Non-Condensing       Compliance     CE, C-Tick		132.5 x 6.6 x 4.4 cm
Weight Power Cord Length 3 m  Environmental Temperature (Operating / Storage) Humidity (Operating & Storage) Compliance EMC Verification  3.8 / 7.8 kg  4.8 / 4	11 3	142 x 16 x 17 cm
Environmental Temperature (Operating / Storage) Humidity (Operating & Storage) Compliance EMC Verification  Temperature 0 - 40°C / -20 - 60°C 0 - 80% RH, Non-Condensing CE, C-Tick		3.8 / 7.8 kg
Temperature $0-40^{\circ}\text{C}/-20-60^{\circ}\text{C}$	Power Cord Length	3 m
(Operating / Storage) Humidity (Operating & Storage) Compliance EMC Verification  0 - 40 C / -20 - 60 C 0 - 80 RH, Non-Condensing CE, C-Tick	Environmental	
(Operating & Storage)  Compliance  EMC Verification  O – 80% RH, Non-Condensing  CE, C-Tick	•	0 – 40°C / -20 – 60°C
Compliance EMC Verification CE, C-Tick	,	0 – 80% RH, Non-Condensing
EMC Verification CE, C-Tick		
Safety Verification TUV-CB, GOST		CE, C-Tick
	Safety Verification	TUV-CB, GOST

### **Package Contents**

- 1. PE9216rG
- 2. Standard Rack Mount Kit
- 3. Quick Start Guide
- 4. CD-ROM (Manual, eco Sensors Software)
- 5. Power Cord
- 6. 4 Serial Adapter



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



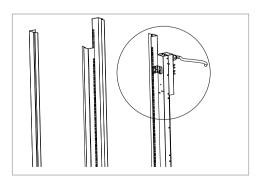


### **Mounting Kit**



Button Mount Kit (2X-017G)

• Button Mount Installation





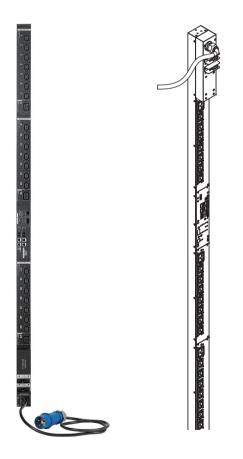
# PE9324rG €CO PDU

Description: 100-240V 32A 0U 24-Outlet PDU

Function: 24-Outlet Metering,
16-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, Modem, RS-232, Daisy Chain interface
- Supports TCP/IP, PPP, UDP, HTTP, HTTPS, SSL, STP, DCHP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2&V3, IPv6
- Supports three-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS, TACACS+, LDAP, LDAPS and Active Directory
- Supports CC2000, eco Sensors, Java API, multiple Browsers (IE, Firefox, Chrome, Safari), OOBC/RS232

### 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

#### **Outlet Switch Control**

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU and daisy chain level
- Daisy chain with PON In PON Out port
- On/Off scheduling for individual outlets and outlet groups

   power management tasks can be scheduled on a daily,
   weekly, monthly, or user-specified basis
- 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
- Critical load outlet keeps power always on for critical load devices
- Proactive overload protection automatically powers off the last outlet that caused the current overload





# **Specifications**

Model	PE9324rG
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)
	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	
Current (Bank)	16A(Max), TUV De-rated 15A(Max)
Maximum Output	32A(Max), TUV De-rated 30A(Max)
Current (Total)	
Breakers	2 x 16A UL489 Breaker
Metering	Per Outlet Level Current, Voltage, VA, PF, KWh
	Monitoring Bank1-1 : None
Outlet Switch	Bank1-2 : Yes
Outlet Switch	
Environment Sensor	Bank2 : Yes
Port	4
1010	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)	177.5 x 6.6 x 4.4 cm
Shipping Dimensions	189 x 21 x 17 cm
(HxWxD)	
Weight/Shipping	6.4 / 10.4 kg
Weight Power Cord Length	1.6 m
Environmental	
Temperature	0 − 40°C / −20 − 60°C
(Operating / Storage)	0 - 40 0 / -20 - 60 0
Humidity	0 – 80% RH, Non-Condensing
(Operating & Storage)	o oo will, Noti Condensing
Compliance	
EMC Verification	CE, C-Tick
Safety Verification	TUV-CB, GOST

## **Package Contents**

- 1. PE9324rG
- 2. Standard Rack Mount Kit
- 3. Quick Start Guide
- 4. CD-ROM (Manual, eco Sensors Software)
- 5. 4 Serial Adapter



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)



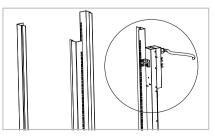
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### • Side Mount Installation





### • Button Mount Installation



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