

eco PDU

PE8216 / PE8324

ATEN's NRGence line-up is a new generation of green energy power distribution units (eco PDUs) that optimize the efficiency of data center power usage. The PE8216 / PE8324 eco PDUs are intelligent PDUs that contain 16 / 24 AC outlets and are available in various IEC / NEMA socket configurations. These models feature proactive overload protection to automatically power off the last outlet that causes the current overload while allowing users to set shutdown priority.

The eco PDUs provide secure, centralized and intelligent power management (power on, off, and cycle) of data center IT equipment (servers, storage systems, KVM switches, network devices, serial data devices, and more), as well as the ability to monitor the center's health environment via sensors.*These PDUs offer remote power control combined with real-time power measurement, allowing users 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 are made fast and easy by simply plugging cables into their appropriate ports, and users get to enjoy the intuitive browser-based configuration and management. The eco PDU firmware is upgradeable over the Net, meaning users can download updates from ATEN's website to ensure that their eco PDU is equipped with the latest functionalities and improvements.




The series also supports the 3rd party V3 SNMP manager software and NRGence eco DC (Energy & DCIM Management Web GUI). The eco DC makes it easy when it comes to the management for multiple devices by allowing users to configure eco PDU setting and monitor the power status of the equipment connected to the PDU through a user-friendly interface. Along with its set of features, the PE8216 / PE8324 series has become a convenient, reliable and cost-effective solution to help remotely manage power access for multiple computer installations and allocate power resources with efficiency.

*** Note:**

1. Sensors are optional accessories. A sensor-enabled installation is required to generate more complete energy-efficient data and charts. The higher the sensor installation density is, the more accurate the data generated will be.
2. eco PDUs are primarily designed for access via Intranet; extra network security protection is suggested for Internet access usage.

eco PDU

PE8216B

Description	100 - 240V 20A 0U 16-Outlet PDU
Function	16-Outlet metering, 16-Outlet switching control and 1-Bank metering
Input Power Plug	NEMA 6-20P 
Power Capacity	4.2 kW
Socket Configuration	IEC 60320 C19 (2)  IEC 60320 C13 (14) 



Features

Connections

- Supports 10 / 100Mbit Ethernet interface
- Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3
- Supports three-level account / password security, IP / MAC filter, 128 bit SSL, and RADIUS
- Supports CC2000, eco DC, multiple browsers (IE, Firefox, Chrome, and Safari)

Metering

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

Outlet Switch Control

- Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- On / Off scheduling for individual outlet and outlet groups. Power management tasks can be scheduled on a daily, weekly, or user-specified time 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
- Proactive overload protection (POP) – automatically powers off the last outlet that causes the current overload while allowing users to set shutdown priority

Specifications

PE8216B	
Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	20A (Max) ; 16A (UL de-rated)
Input Frequency	50 - 60 Hz
Input Connection	NEMA 6-20P
Input Power	4160 VA (Max) ; 3328 VA (UL de-rated)
Outlet Type	Total : 14 x IEC 60320 C13 + 2 x IEC 60320 C19 Ban1-1 : Outlet 1 – 8 ; 7 x C13 + 1 x C19 Ban1-2 : Outlet 9 – 16 ; 7 x C13 + 1 x C19
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	C13 : 15A (Max) ; 12A (UL de-rated) C19 : 20A (Max) ; 16A (UL de-rated)
Maximum Output Current (Bank)	20A (Max) ; 16A (UL de-rated)
Maximum Output Current (Total)	20A (Max) ; 16A (UL de-rated)
Breakers	1 x 20A Non-Fuse Breaker
Metering	Outlet Level Current, Voltage, VA, PF, KWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
Mechanical	
Dimension (L x W x H)	132.48 x 6.6 x 4.4 cm
Weight	3.88 kg
Power Cord Length	3 m
Environmental	
Temperature (Operating / Storage)	0 – 50°C / -20 – 60°C
Humidity (Operating and 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. User instructions
4. CD-ROM (manual, eco DC software)
5. Power cord

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature
EA1540	Capacitive Leakage Sensor

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)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

• Lok-U-Plug Installation



eco PDU

PE8216G

Description	100 - 240V 16A 0U 16-Outlet PDU
Function	16-Outlet metering, 16-Outlet switching control and 1-Bank metering
Input Power Plug	IEC 60320 C20 
Power Capacity	3.7 kW
Socket Configuration	IEC 60320 C19 (2)  IEC 60320 C13 (14) 



Features

Connections

- Supports 10 / 100Mbit Ethernet interface
- Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3
- Supports three-level account / password security, IP / MAC filter, 128 bit SSL, and RADIUS
- Supports CC2000, eco DC, multiple browsers (IE, Firefox, Chrome, and Safari)

Metering

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

Outlet Switch Control

- Remote power outlet control (on / off, Power Cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- On / Off scheduling for individual outlet and outlet groups. Power management tasks can be scheduled on a daily, weekly, or user-specified time 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
- Proactive overload protection (POP) – automatically powers off the last outlet that causes the current overload while allowing users to set shutdown priority

Specifications

PE8216G	
Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	16A (Max)
Input Frequency	50 - 60 Hz
Input Connection	IEC 60320 C20
Input Power	3680 VA (Max)
Outlet Type	Total : 14 x IEC 60320 C13 + 2 x IEC 60320 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	100 – 240 VAC
Maximum Output Current (Outlet)	C13 : 10A (Max) C19 : 16A (Max)
Maximum Output Current (Bank)	16A (Max)
Maximum Output Current (Total)	16A (Max)
Breakers	1 x 16A Non-Fuse Breaker
Metering	Outlet Level Current, Voltage, VA, PF, kWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
Mechanical	
Dimension (Lx W x H)	132.48 x 6.6 x 4.4 cm
Weight	3.88 kg
Power Cord Length	3 m
Environmental	
Temperature (Operating / Storage)	0 – 40°C / -20 – 60°C
Humidity (Operating and 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. PE8216G
2. Standard rack mount kit
3. User instructions
4. CD-ROM (manual, eco DC software)
5. Power cord

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature
EA1540	Capacitive Leakage Sensor

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)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

• Lok-U-Plug Installation



eco PDU

PE8324A

Description	100- 120VAC 30A 0U 24-Outlet PDU
Function	24-Outlet metering, 24-Outlet switching control and 2-Bank metering
Input Power Plug	NEMA L5-30P 
Power Capacity	3.6 kW
Socket Configuration	24 x NEMA 5-15R 



Features

Connections

- Supports 10 / 100Mbit Ethernet interface
- Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3
- Supports three-level account / password security, IP / MAC filter, 128 bit SSL, and RADIUS
- Supports CC2000, eco DC, multiple browsers (IE, Firefox, Chrome, and Safari)

Metering

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

Outlet Switch Control

- Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- On / Off scheduling for individual outlet and outlet groups.
- Power management tasks can be scheduled on a daily, weekly, or user-specified time 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
- Proactive overload protection (POP) – automatically powers off the last outlet that causes the current overload while allowing users to set shutdown priority

Specifications

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	3600 VA (Max) ; 2880 VA (UL de-rated)
Outlet Type	Total : 24 x NEMA 5-15R Bank1-1 : Outlet 1 – 8 ; 8 x NEMA 5-15R Bank1-2 : Outlet 9 – 16 ; 8 x NEMA 5-15R Bank2 : Outlet 17 – 24 ; 8 x NEMA 5-15R
Nominal Output Voltage	100 – 120 VAC
Maximum Output Current (Outlet)	15A (Max) ; 12A (UL de-rated)
Maximum Output Current (Bank)	20A (Max) ; 16A (UL de-rated)
Maximum Output Current (Total)	30A (Max) ; 24A (UL de-rated)
Breakers	2 x 16A UL489 Breaker
Metering	Outlet Level Current, Voltage, VA, PF, KWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
Mechanical	
Dimension (L x W x H)	177.5 x 6.6 x 4.4 cm
Weight	6.33 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 – 50°C / -20 – 60°C
Humidity (Operating and Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	FCC Part 15 Class A, Others by Resuest
Safety Verification	By Request

Package Contents

1. PE8324A
2. Standard rack mount kit
3. User instructions
4. CD-ROM (manual, eco DC software)

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature
EA1540	Capacitive Leakage Sensor

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)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

- Lok-U-Plug Installation



eco PDU

PE8324B

Description	100 - 240V 30A 0U 24-Outlet PDU
Function	24-Outlet metering, 24-Outlet switching control and 2-Bank metering
Input Power Plug	NEMA L6-30P
Power Capacity	6.2 kW
Socket Configuration	IEC 60320 C19 (3) IEC 60320 C13 (21)



Features

Connections

- Supports 10 / 100Mbit Ethernet interface
- Supports TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3
- Supports three-level account / password security, IP / MAC filter, 128 bit SSL, and RADIUS
- Supports CC2000, eco DC, multiple browsers (IE, Firefox, Chrome, and Safari)

Metering

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

Outlet Switch Control

- Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- On / Off scheduling for individual outlet and outlet groups. Power management tasks can be scheduled on a daily, weekly, or user-specified time 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
- Proactive overload protection (POP) – automatically powers off the last outlet that causes the current overload while allowing users to set shutdown priority

Specifications

PE8324B	
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)
Outlet Type	Total : 21 x IEC 60320 C13 + 3 x IEC 60320 C19 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
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	C13 : 15A (Max) ; 12A (UL de-rated) C19 : 20A (Max) ; 16A (UL de-rated)
Maximum Output Current (Bank)	20A (Max) ; 16A (UL de-rated)
Maximum Output Current (Total)	30A (Max) ; 24A (UL de-rated)
Breakers	2 x 16A UL489 Breaker
Metering	Outlet Level Current, Voltage, VA, PF, kWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
Mechanical	
Dimension (L x W x H)	177.5 x 6.6 x 4.4 cm
Weight	6.33 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 – 50°C / -20 – 60°C
Humidity (Operating and Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	FCC Part 15 Class A, Others by Reuest
Safety Verification	By Reuest

Package Contents

1. PE8324B
2. Standard rack mount kit
3. User instructions
4. CD-ROM (manual, eco DC software)

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature
EA1540	Capacitive Leakage Sensor

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)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

- Lok-U-Plug Installation



eco PDU PE8324G

Description	100 - 240V 32A 0U 24-Outlet PDU
Function	24-Outlet metering, 24-Outlet switching control and 2-Bank metering
Input Power Plug	IEC 60309 32A 
Power Capacity	7.4 kW
Socket Configuration	IEC 60320 C19 (3)  IEC 60320 C13 (21) 



Features

Connections

- Supports 10 / 100Mbit Ethernet interface
- Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3
- Supports three-level account/password security, IP / MAC filter, 128 bit SSL, and RADIUS
- Supports CC2000, eco DC, multiple browsers (IE, Firefox, Chrome, and Safari)

Metering

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

Outlet Switch Control

- Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- On / Off scheduling for individual outlet and outlet groups. Power management tasks can be scheduled on a daily, weekly, or user-specified time 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
- Proactive overload protection (POP) – automatically powers off the last outlet that causes the current overload while allowing users to set shutdown priority

Specifications

PE8324G	
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 : 21 x IEC 60320 C13 + 3 x IEC 60320 C19 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
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	C13 : 10A (Max) C19 : 16A (Max)
Maximum Output Current (Bank)	16A (Max)
Maximum Output Current (Total)	32A (Max)
Breakers	2 x 16A UL489 Breaker
Metering	Outlet Level Current, Voltage, VA, PF, KWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
Mechanical	
Dimension (L x W x H)	177.5 x 6.6 x 4.4 cm
Weight	6.33 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 – 40°C / -20 – 60°C
Humidity (Operating and Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	CE, Others by Request
Safety Verification	CE-LVD, Others by Request

Package Contents

1. PE8324G
2. Standard rack mount kit
3. User instructions
4. CD-ROM (manual, eco DC software)

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature
EA1540	Capacitive Leakage Sensor

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)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

- Lok-U-Plug Installation



eco PDU

PE8324G2

Description	100 - 240V 32A 0U 24-Outlet PDU
Function	24-Outlet metering, 24-Outlet switching control and 2-Bank metering
Input Power Plug	IEC 60309 32A 
Power Capacity	7.4 kW
Socket Configuration	IEC 60320 C19 (18)  IEC 60320 C13 (6) 



Features

Connections

- Supports 10 / 100Mbit Ethernet interface
- Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3
- Supports three-level account / password security, IP / MAC filter, 128 bit SSL, and RADIUS
- Supports CC2000, eco DC, multiple browsers (IE, Firefox, Chrome, and Safari)

Metering

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

Outlet Switch Control

- Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- On / Off scheduling for individual outlet and outlet groups. Power management tasks can be scheduled on a daily, weekly, or user-specified time 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
- Proactive overload protection (POP) – automatically powers off the last outlet that causes the current overload while allowing users to set shutdown priority

Specifications

PE8324G2	
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: 6 x IEC 60320 C13 + 18 x IEC 60320 C19 Bank1-1: Outlet 1 – 8; 2 x C13 + 6 x C19 Bank1-2: Outlet 9 – 16; 2 x C13 + 6 x C19 Bank2: Outlet 17 – 24; 2 x C13 + 6 x C19
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	C13 : 10A (Max) C19 : 16A (Max)
Maximum Output Current (Bank)	16A (Max)
Maximum Output Current (Total)	32A (Max)
Breakers	2 x 16A UL489 Breaker
Metering	Outlet Level Current, Voltage, VA, PF, kWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
Mechanical	
Dimension (L x W xH)	177.5 x 6.6 x 4.4 cm
Weight	6.33 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 – 40°C / -20 – 60°C
Humidity (Operating and Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	CE, Others by Request
Safety Verification	CE-LVD, Others by Request

Package Contents

1. PE8324G2
2. Standard rack mount kit
3. User instructions
4. CD-ROM (manual, eco DC software)

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature
EA1540	Capacitive Leakage Sensor

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)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

- Lok-U-Plug Installation



ECO PDU

PE8324G3

Description	100 - 240V 32A 0U 24-Outlet PDU
Function	24-Outlet metering, 24-Outlet switching control and 2-Bank metering
Input Power Plug	IEC 60309 32A 
Power Capacity	7.4 kW
Socket Configuration	IEC 60320 C19 (6)  IEC 60320 C13 (18) 



Features

Connections

- Supports 10 / 100Mbit Ethernet interface
- Supports TCP / IP, UDP, HTTP, HTTPS, SSL, DHCP, ARP, NTP, DNS, Telnet, Auto Sense, Ping, SNMP V1,V2 and V3
- Supports three-level account/password security, IP / MAC filter, 128 bit SSL, and RADIUS
- Supports CC2000, eco DC, multiple Browsers (IE, Firefox, Chrome, and Safari)

Metering

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

Outlet Switch Control

- Remote power outlet control (on / off, power cycle) by individual outlets and outlet groups
- Outlet group support at the PDU level
- On / Off scheduling for individual outlet and outlet groups. Power management tasks can be scheduled on a daily, weekly, or user-specified time 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
- Proactive overload protection (POP) – automatically powers off the last outlet that causes the current overload while allowing users to set shutdown priority

Specifications

PE8324G3	
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: 18 x IEC 60320 C13 + 6 x IEC 60320 C19 Bank1-1: Outlet 1 – 8; 6 x C13 + 2 x C19 Bank1-2: Outlet 9 – 16; 6 x C13 + 2 x C19 Bank2: Outlet 17 – 24; 6 x C13 + 2 x C19
Nominal Output Voltage	100 – 240 VAC
Maximum Output Current (Outlet)	C13 : 10A (Max) C19 : 16A (Max)
Maximum Output Current (Bank)	16A (Max)
Maximum Output Current (Total)	32A (Max)
Breakers	2 x 16A UL489 Breaker
Metering	Outlet Level Current, Voltage, VA, PF, kWh Monitoring
Outlet Switch	Yes
Environment Sensor Port	4
Mechanical	
Dimension (L x W x H)	177.5 x 6.6 x 4.4 cm
Weight	6.33 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 – 40°C / -20 – 60°C
Humidity (Operating and Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	CE, Others by Request
Safety Verification	CE-LVD, Others by Request

Package Contents

1. PE8324G3
2. Standard rack mount kit
3. User instructions
4. CD-ROM (manual, eco DC software)

Optional Accessories

Environment Sensors

Part No.	Sensor
EA1140	Temperature
EA1240	Temperature / Humidity
EA1340	Differential Pressure / Temperature
EA1540	Capacitive Leakage Sensor

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)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)

- Lok-U-Plug Installation



ATEN International Co., Ltd.

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