PE6324L

ECO PDU

● The NRGence PE6324L eco PDUs are low profile intelligent PDUs that contain 24 AC outlets and are available in various IEC or NEMA socket configurations. The low profile series has a smaller input region on the PDU to provide more installation space for data centers.

The PE6324L eco PDUs offers remote power control with real-time power measurement - allowing you to 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 connection. The power status of each outlet can be set individually, allowing users to switch each device On/Off.

NRGence eco PDU supports any 3rd party v1, v2 & v3 SNMP Manager Software and ATEN 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.

Model	Input Power Plug	Outlet Type	Input Voltage
PE6324LB	NEMA L6-30P	(21) IEC 320 C13 (3) IEC 320 C19	100-240V
PE6324LG	IEC 60309 32A	(21) IEC 320 C13 (3) IEC 320 C19	100-240V
PE6324LJA	NEMA L5-30P	(24) NEMA 5-15R	100-120V

eco Sensors Software   Bank Level Metering   Outlet Switch Control   Proactive Overload Protection(POP)   Low Profile Dimension

PE6324LB

ECO PDU

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

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
- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Support 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 turned on in the proper order
- Proactive Overload Protection (POP) – automatically powers off outlets when current overloads to protect operating devices

Specifications

Model	PE6324LB
Electrical	
Nominal Input Voltage	100 – 240 VAC
Maximum Input Current	30A Max ; 24A(UL de-rated)
Input Frequency	50-60 Hz
Input Connection	1 x NEMA L6-30P
Input Power	6240 VA(Max) ; 4992 VA(UL de-rated)
Outlet Type	Total : 21 x IEC320 C13 + 3 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 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 : 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 Slim Breaker
Metering	Per Bank level Current, Voltage, VA , PF and KWh Monitoring
Outlet Switching	Yes
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)	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	6.2 / 10.2 kg
Power Cord Length	1.6 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 Request
Safety Verification	By Request

Package Contents

1. PE6324LB eco PDU
2. Mounting Kit
3. User Instructions
4. CD-ROM (Manual, eco Sensors software)

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

Mounting Kit

Part No.	Item
2X-015G	Double Mount Rail
2X-016G	Slide Rail Kit
2X-017G	Button Mount Kit
2X-018G	Side Panel Mount Kit
2X-019G	Side Panel Double Mount Kit

Note: Please refer to P.8 for more information about Optional Accessories.

PE6324LG

ECO PDU

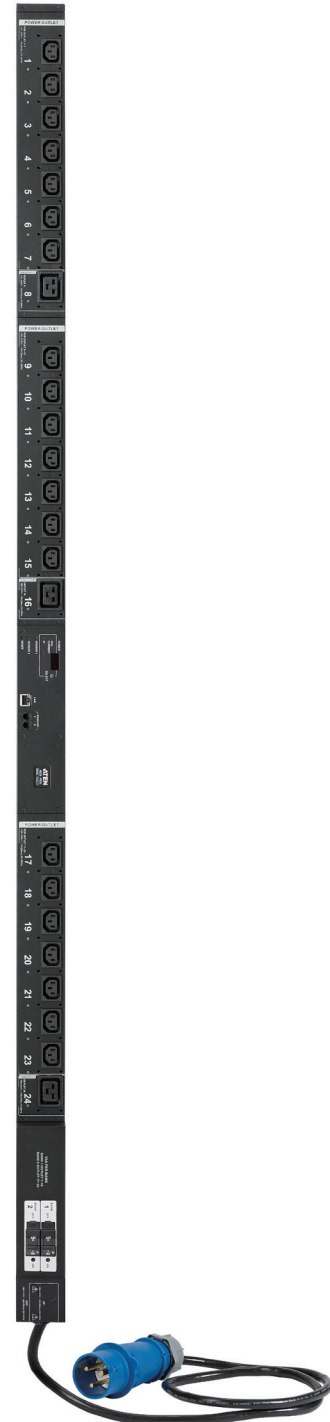| Description:	100-240V 32A 0U 24-Outlet PDU
Function:	0-Outlet Metering, 24-Outlet Switch Control & 2-Bank Metering
Input Power Plug:	IEC 60309 32A
Power Capacity:	7.4 kW
Socket Configuration:	IEC 60320 C13 (21)
	IEC 60320 C19 (3)

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

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Support 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 turned on in the proper order
- Proactive Overload Protection (POP) – automatically powers off outlets when current overloads to protect operating devices

Specifications

Model	PE6324LG
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 IEC320 C13 + 3 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 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 Slim Breaker
Metering	Per Bank level Current, Voltage, VA , PF and KWh Monitoring
Outlet Switching	Yes
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)	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	6.2 / 10.2 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 – 40℃ / -20 – 60℃
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	CE, Others by Request
Safety Verification	CE-LVD, Others by Request

Package Contents

1. PE6324LG eco PDU
2. Mounting Kit
3. User Instructions
4. CD-ROM (Manual, eco Sensors software)

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

Mounting Kit

Part No.	Item
2X-015G	Double Mount Rail
2X-016G	Slide Rail Kit
2X-017G	Button Mount Kit
2X-018G	Side Panel Mount Kit
2X-019G	Side Panel Double Mount Kit

Note: Please refer to P.8 for more information about Optional Accessories.

PE6324LJA

ECO PDU

Description:	100-120V 30A 0U 24-Outlet PDU
Function:	0-Outlet Metering, 24-Outlet Switching Control & 2-Bank Metering
Input Power Plug:	NEMAL5-30P
Power Capacity:	3.6 kW
Socket Configuration:	NEMA5-15R (24)

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

- Remote power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- Support 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 turned on in the proper order
- Proactive Overload Protection (POP) – automatically powers off outlets when current overloads to protect operating devices

Specifications

Model	PE6324LJA
Electrical	
Nominal Input Voltage	100 – 120 VAC
Maximum Input Current	30A Max ; 24A(UL de-rated)
Input Frequency	50-60 Hz
Input Connection	1 x NEMAL5-30P
Input Power	3.6k VA(Max) ; 2.9k VA(UL de-rated)
Outlet Type	Total : 24 x NEMA5-15R Bank1-1 : Outlet 1 – 8 ; 8 x NEMA5-15R Bank1-2 : Outlet 9 – 16 ; 8 x NEMA5-15R Bank2 : Outlet 17 – 24 ; 8 x NEMA5-15R
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 Slim Breaker
Metering	Per Bank level Current, Voltage, VA , PF and KWh Monitoring
Outlet Switching	Yes
Environment Sensor Port	2
Metering Accuracy	Voltage range: 100VAC ~ 120VAC +/-1% 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 (H x W x D)	189 x 21 x 17 cm
Weight/Shipping Weight	6.1 / 10.1 kg
Power Cord Length	1.6 m
Environmental	
Temperature (Operating / Storage)	0 – 50°C / -20 – 60°C
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing
Compliance	
EMC Verification	J55022, Others by Request
Safety Verification	PSE, Others by Request

Package Contents

1. PE6324LJA eco PDU
2. Mounting Kit
3. User Instructions
4. CD-ROM (Manual, eco Sensors software)

Optional Accessories

Environment Sensors

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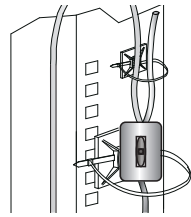
Cable Holders

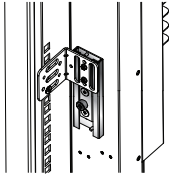| Part No.	Description
2X-EA07	Lok-U-Plug Cable Holder (10 pcs per pack)
2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)
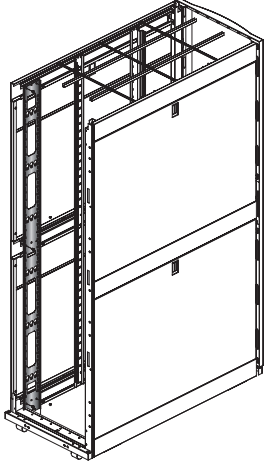
Mounting Kit

Part No.	Item
2X-015G	Double Mount Rail
2X-016G	Slide Rail Kit
2X-017G	Button Mount Kit
2X-018G	Side Panel Mount Kit
2X-019G	Side Panel Double Mount Kit

Note: Please refer to P.8 for more information about Optional Accessories.

Optional Accessories

Type	Part No.	Description	Images	Installation
Environment Sensors	**EA1140**	Temperature		—
	EA1240	Temperature / Humidity		
	EA1340	Differential Pressure / Temperature		
Door Sensors	**EA1440**	Photo Door Sensor		Inside Rack Door
	EA1441	Inductive Proximity Door Sensor		
	EA1442	Reed Door Sensor		Door → Rack Frame
Cable Holders	**2X-EA07**	Lok-U-Plug Cable Holder (10 pcs per pack)		
	2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)		

Type	Part No.	Description	Images	Installation
Rack Mount Kit	**2X-015G**	Double Mount Rail		
	2X-016G	Slide Rail Kit		
	2X-017G	Button Mount Kit		
	2X-018G	Side Panel Mount Kit		
	2X-019G	Side Panel Double Mount Kit		