

PE7108

15A/10A 8-Outlet 1U Outlet-Metered eco PDU



- 1U 8-Outlet eco [PDU](#)
- Outlet level metering

ATEN has developed a new generation of green energy power distribution units ([PDUs](#)) to effectively increase the efficiency of [data center](#) power usage. The PE7108 eco [PDUs](#) are intelligent [PDUs](#) that contain 8 AC outlets and are available in various IEC or NEMA socket configurations. They provide secure, centralized, intelligent, power management of [data center](#) IT equipment (servers, storage systems, KVM switches, network devices, serial data devices, etc.), as well as the ability to monitor the center's health environment via sensors*.

eco [PDUs](#) offer real-time power measurement - allowing you to monitor the power status of devices attached to the [PDUs](#), either at the [PDU](#) device or outlet level, from practically any location via a TCP/IP connection.

eco [PDU](#) supports any 3rd party v3 SNMP Manager Software and [eco DC](#) (Energy Management Web GUI). [eco DC](#) 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 [eco DC](#), the Sensor-enabled eco [PDU](#) also offers comprehensive power analysis reports which can separate by departments and locations, providing precise measurements of current, voltage, power and watt-hour in a real-time display.

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.

* 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.

Features

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

Specifications

Function	PE7108A	PE7108B	PE7108G
Electrical			

Nominal Input Voltage	100 – 120 VAC	100 – 240 VAC	100 – 240 VAC
Maximum Input Current	15A Max; 12A(UL de-rated)	15A Max; 12A(UL de-rated)	10A Max
Input Frequency	50-60 Hz	50-60 Hz	50-60 Hz
Input Connection	NEMA 5-15P	NEMA 6-15P	IEC 60320 C14
Input Power	1800 VA(Max); 1440 VA(UL de-rated)	3120 VA(Max); 2496 VA(UL de-rated)	2300 VA(Max)
Outlet Type	Total: 8 x NEMA 5-15R	Total: 8 x IEC320 C13	Total: 8 x IEC320 C13
Nominal Output Voltage	100 – 120 VAC	100 – 240 VAC	100 – 240 VAC
Maximum Output Current (Outlet)	NEMA 5-15R: 15A(Max); 12A(UL de-rated)	C13 : 15A(Max); 12A(UL de-rated)	C13 : 10A(Max)
Maximum Output Current (Bank)	15A(Max); 12A(UL de-rated)	15A(Max); 12A(UL de-rated)	10A(Max)
Maximum Output Current (Total)	15A(Max); 12A(UL de-rated)	15A(Max); 12A(UL de-rated)	10A(Max)
Breakers	1 x 15A Non-Fuse Breaker	1 x 15A Non-Fuse Breaker	1 x 15A Non-Fuse Breaker
Metering	Outlet level Current, Voltage, VA , PF and KWh Monitoring	Outlet level Current, Voltage, VA , PF and KWh Monitoring	Outlet level Current, Voltage, VA , PF and KWh Monitoring
Outlet Switching	None	None	None
Environment Sensor Ports	2	2	2
Metering Accuracy	Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%	Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%	Voltage Range: 100VAC ~ 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Physical Properties			
Power Cord Length	3 m	3 m	3 m
Dimensions (L x W x H)	43.24 x 22.04 x 4.40 cm (17.02 x 8.68 x 1.73 in.)	43.24 x 22.04 x 4.40 cm (17.02 x 8.68 x 1.73 in.)	43.24 x 22.04 x 4.40 cm (17.02 x 8.68 x 1.73 in.)
Weight	2.72 kg (5.99 lb)	2.72 kg (5.99 lb)	2.72 kg (5.99 lb)
Environmental			
Temperature (Operating / Storage)	0 – 50°C / -20 – 60°C	0 – 50°C / -20 – 60°C	0 – 50°C / -20 – 60°C
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing

Compliance			
EMC Verification	FCC, Others by Request	FCC, Others by Request	CE, Others by Request
Safety Verification	UL, Others by Request	UL, Others by Request	CE-LVD, Others by Request
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.		

Diagram



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