

8-Outlet eco PDU

PE6208AV

- Ideal for Pro-A/V applications, the ATEN NRGence™ PE6208AV eco PDUs are intelligent, 1U rack PDUs that contain 8 AC outlets available in an IEC socket configuration. The unique design with detachable front panel is convenient and mounts with different Pro-A/V equipment in 19" racks with different depths. In addition to remotely controlling individual outlets over the LAN, the front panel pushbuttons offer an extra option to control the outlets locally, allowing the flexibility to easily shutdown Pro-A/V equipment on the spot or from a remote location – for reduced power consumption. The outlets feature a sequential power-ON function that ensures Pro-A/V systems are powered on safely. Furthermore, compatibility with the ATEN Control System and Control4 libraries allow the PE6208AV to integrate with any Pro-A/V equipment for full control of all devices without complex programming.

The PE6208AV are optimal energy solutions for data centers as well. With the combination of ATEN eco PDUs and eco Sensors Energy Management software, a data center will be equipped with real-time monitoring, measurement, and analysis of energy consumption – with reports of power usage, PUE, RCI, and RTI to meet the ISO 50001 requirements. These indices reflect the data center's energy usage and offer energy saving suggestions for optimizing energy use and reducing costs.

PE6208AV Front View



PE6208AVG Rear View










PE6208AVA Rear View



Detachable Front Panel



Model	Description	Input Power Plug	Outlet Type	Function
PE6208AVA	100-120V 20A (Max), 16A (UL de-rated) 1U 8-Outlet PDU	 A/J:NEMA L5-20P  A2/J2: NEMA 5-20P	 (8) NEMA 5-20R	8-Outlet Switching Control
PE6208AVB	100-240V 20A (MAX) 16A (UL de-rated) 1U 8-Outlet PDU	 NEMA 6-20P	 (8) IEC 320 C13	8-Outlet Switching Control
PE6208AVG	100-240V 16A 1U 8-Outlet PDU	 IEC 60320 C20	 (8) IEC 320 C13	8-Outlet Switching Control

Features

Connections

- Detachable front panel fits 19" racks with different depths
- Built-in 10/100 Mbit Ethernet Interface
- Supports TCP/IP, UDP, HTTP, HTTPS, SSL, DHCP, SMTP, ARP, NTP, DNS, Auto Sense, Ping, SNMP V1, V2, and V3, Telnet
- 2-level account/password security, IP/MAC filter, 128 bit SSL, RADIUS
- Browser access via IE, Firefox, Chrome, Safari, and more
- Easy integration with ATEN Control System and Control4 libraries
- Supports RS-232 port and power outlet control (on/off) by outlet group.

Metering

- 1% Metering Accuracy – supports bank-level power metering
- Environment Monitoring – supports external temperature or temperature and humidity sensors for rack temperature and humidity monitoring

Outlet Switch Control

- Remote and local power outlet control (On/Off, Power Cycle) by individual outlets and outlet groups
- 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 to enhance equipment safety
- Proactive Overload Protection (POP) – automatically powers off the last outlet that caused the current overload to protect high-end pro-A/V equipment and servers

eco Sensors Energy Management Software*


- Automatic discovery of all ATEN PDUs within the same intranet
- Remote real-time power measurement and monitoring of PDUs
- Real-time environment monitoring via sensors
- Plotting and monitoring of all ATEN PDU devices
- Exceed threshold alerts through real-time monitoring, SMTP, and System logs
- Power analysis reports

* eco Sensors is designed to work with NRGence™ eco PDUs and is bundled with all PE Series models.

Specifications

Function	PE6208AVA	PE6208AVB	PE6208AVG
Electrical			
Nominal Input Voltage	100 – 120 VAC	100 – 240 VAC	100 – 240 VAC
Maximum Input Current	20A(Max), 16A(UL de-rated)	20A(Max), 16A(UL de-rated)	16A(Max)
Input Frequency	50-60 Hz	50-60 Hz	50-60 Hz
Input Connection	A/J: NEMA L5-20P A2/J2: NEMA 5-20P	NEMA 6-20P	IEC 60320 C20
Input Power	2400VA(Max), 1920VA(UL de-rated)	4600VA(Max), 3680VA(UL de-rated)	3680 VA(Max)
Outlet Type	Total : 8 x NEMA 5-20R	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 5-20R : 20A (Max) 16A (UL de-rated)	C13: 15A(Max) 12A(UL de-rated)	C13: 10A
Maximum Output Current (Bank)	20A (Max) 16A (UL de-rated)	20A (Max) 16A (UL de-rated)	16A(Max)
Maximum Output Current (Total)	20A (Max) 16A (UL de-rated)	20A (Max) 16A (UL de-rated)	16A(Max)
Metering	Per Bank level Current, Voltage, VA , PF and kWh Monitoring	Per Bank level Current, Voltage, VA , PF and kWh Monitoring	Bank Level Current, Voltage, VA , PF and kWh Monitoring
Outlet Switching	Yes	Yes	Yes
Environment Sensor Ports	2	2	2
Metering Accuracy	Voltage range: 100VAC ~ 250VAC +/-1% Power range: 100W ~ 5000W +/- 2% Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%	Voltage range: 100VAC ~ 250VAC +/-1% Power range: 100W ~ 5000W +/- 2% Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%	Voltage range: 100VAC ~ 250VAC +/-1% Power range: 100W ~ 5000W +/- 2% Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%
Communication			
10/100 Mbps	1 x RJ-45	1 x RJ-45	1 x RJ-45
RS-232	1 x DB-9	1 x DB-9	1 x DB-9
Switches			
Power	Yes	Yes	Yes
Physical Properties			
Dimensions (L x W x H)	43.24 x 26.72 x 4.40 cm	43.24 x 26.72 x 4.40 cm	43.24 x 26.72 x 4.40 cm
Weight	3.76 kg	3.76 kg	3.76 kg
Power Cord Length	3 m	3 m	3 m
Environmental			
Temperature (Operating / Storage)	0° - 50° C / -20° -60° C	0° - 50° C / -20° - 60° C	0° - 40° 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, J55032	FCC Others by Request	CE-EMC, FCC, J55032 Others by Request
Safety Verification	PSE	Others by Request	CE-LVD, PSE, Others by Request

Optional Accessories

Type	Part No.	Description	Images	Installation
Environment Sensors	EA1140	Temperature		
	EA1240	Temperature / Humidity		
	EA1340	Differential Pressure / Temperature		
Cable Holders	2X-EA07	Lok-U-Plug Cable Holder (10 pcs per pack)		
	2X-EA08	Lok-U-Plug Installation Tool (4 pcs per pack)		
EZ-Lok	2X-EA10	C14 EZ-Lok Plug Connectors		

