Simply Better Connections

# PE6208AV

8-Outlet eco PDU - TAA Compliant



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 DC Energy Management software, a data center will be equipped with real-time monitoring, measurement, and analysis of energy consumption – with reports of power usage and PUE 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.

**PE6208AVX (Discontinued)**

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

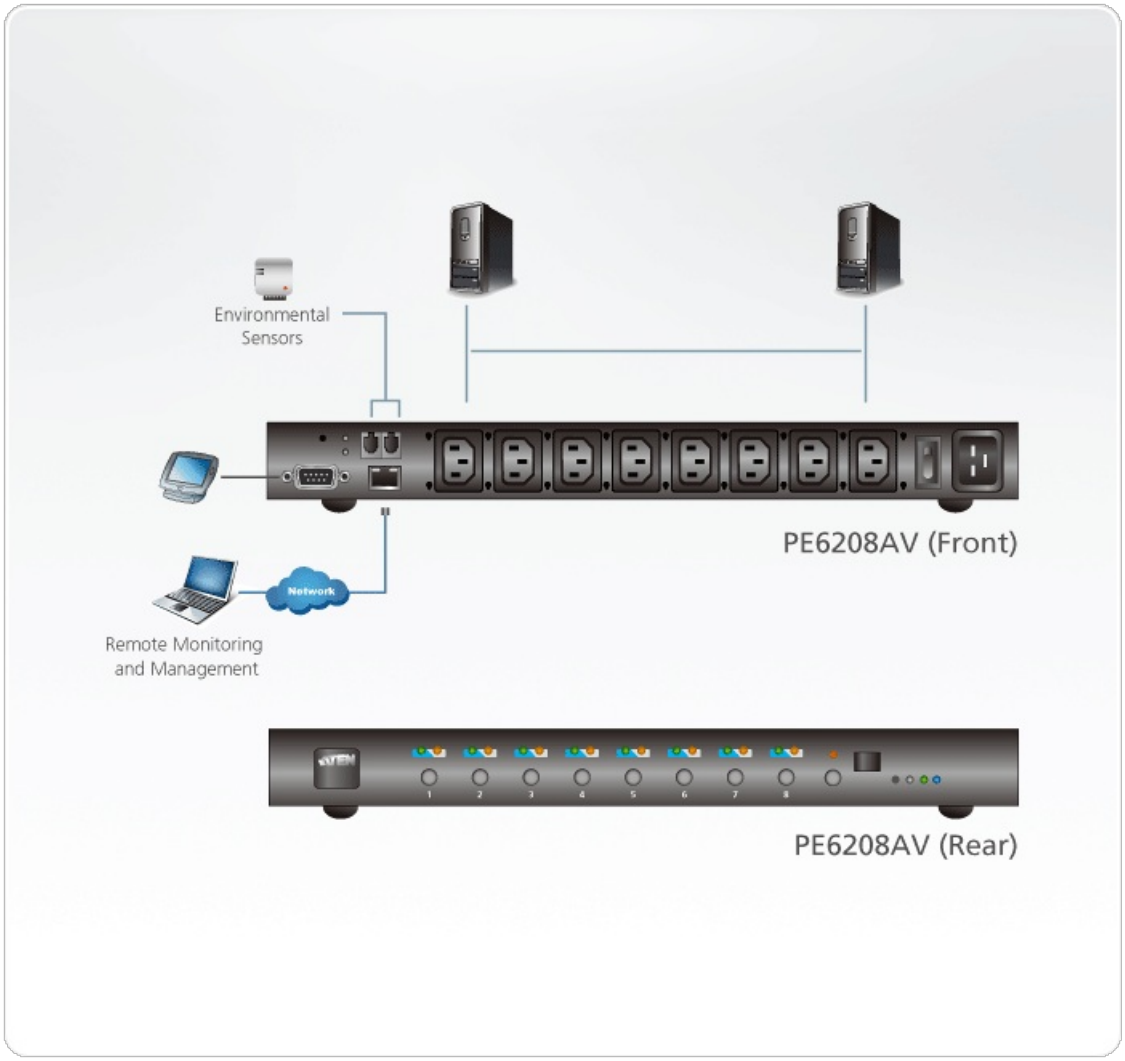
## Specification

| Function | PE6208AVA | PE6208AVB | PE6208AVG | PE6208AVX |
|---|---|---|---|---|
| Electrical | | | | |
| Nominal Input Voltage | 100 – 120 VAC | 100 – 240 VAC | 100 – 240 VAC | 100-240 VAC |
| Maximum Input Current | 20A(Max), 16A(UL de-rated) | 20A(Max)16A(UL de-rated) | 16A(Max) | 16A(Max) |
| Input Frequency | 50-60 Hz | 50-60 Hz | 50-60 Hz | 50-60 Hz |
| Input Connection | A/J:NEMA L5-20P<br>A2/J2: NEMA 5-20P | NEMA 6-20P | IEC 60320 C20 | Terminal(3P) |
| Input Power | 2400VA(Max),1920VA(UL de-rated) | 4600VA(Max),3680VA(UL de-rated) | 3680 VA(Max) | 4800VA(Max) |
| Outlet Type | Total : 8 x NEMA 5-20R | Total: 8 x IEC320 C13 | Total: 8 x IEC320 C13 | Total : 8 x Terminal(3P) |
| Nominal Output Voltage | 100 –120 VAC | 100 – 240 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 | 16A (Max) |
| Maximum Output Current (Bank) | 20A (Max) 16A (UL de-rated) | 20A (Max) 16A (UL de-rated) | 16A(Max) | 16A (Max) |
| Maximum Output Current (Total) | 20A (Max) 16A (UL de-rated) | 20A (Max) 16A (UL de-rated) | 16A(Max) | 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 | Per Bank level Current, Voltage, VA , PF and KWh Monitoring |
| Outlet Switching | Yes | Yes | Yes | Yes |
| Environment Sensor Ports | 2 | 2 | 2 | 2 |
| Metering Accuracy | Voltage range: 100VAC ~ 250VAC +/-1%<br>Power range: 100W ~ 5000W +/- 2%<br>Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% | Voltage range: 100VAC ~ 250VAC +/-1%<br>Power range: 100W ~ 5000W +/- 2%<br>Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% | "Voltage range: 100VAC ~ 250VAC +/-1%<br>Power range: 100W ~ 5000W +/- 2%<br>Current range: 0.1A~1A +/- 0.1A, 1A~20A +/-1%" | Voltage range: 100VAC ~ 250VAC +/-1%<br>Power range: 100W ~ 5000W +/- 2%<br>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 | 1 x RJ-45 |
| RS-232 | 1 x DB-9 | 1 x DB-9 | 1 x DB-9 | 1 x DB-9 |
| Switches | | | | |
| Power | Yes | Yes | Yes | Yes |
| Physical Properties | | | | |
| Dimensions (L x W x H) | 43.24 x 36.39 x 4.40 cm (17.02 x 14.33 x 1.73 in.) | 43.24 x 36.39 x 4.40 cm (17.02 x 14.33 x 1.73 in.) | 43.24 x 36.39 x 4.40 cm (17.02 x 14.33 x 1.73 in.) | 43.24 x 36.39 x 4.40 cm (17.02 x 14.33 x 1.73 in.) |
| Weight | 4.67 kg ( 10.29 lb ) | 4.67 kg ( 10.29 lb ) | 4.67 kg ( 10.29 lb ) | 4.67 kg ( 10.29 lb ) |
| Power Cord Length | 3 m | 3 m | 3 m | N.A. |
| Environmental | | | | |
| Temperature (Operating / Storage) | 0 – 50°C / -20 – 60°C | 0 – 50°C / -20 – 60°C | 0–40°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 | 0–80% RH, Non-Condensing |
| Compliance | | | | |

| | | | | |
|---|---|---|---|---|
| EMC Verification | FCC, J55032 | FCC Others by Request | CE-EMC, FCC, J55032 Others by Request | FCC,CE |
| Safety Verification | PSE | Others by Request | CE-LVD, PSE, Others by Request | CE,LVD |
| Note | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. | | | |

**Diagram**




**ATEN International Co., Ltd.**
3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan
Phone: 886-2-8692-6789 Fax: 886-2-8692-6767
www.aten.com E-mail: marketing@aten.com

© Copyright 2015 ATEN® International Co., Ltd.
ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd.
All rights reserved. All other trademarks are the property of their respective owners.