

## 8-Outlet eco PDU

### PE6108AV

Ideal for ProAV applications, the PE6108AV eco PDU is intelligent 1U rack PDU that contains 8 AC outlets in an IEC socket configuration. The unique design with detachable front panel makes it convenient when mounting with different ProAV equipment in 19" racks at varying 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 ProAV equipment on the spot or from a remote location – for reduced power consumption. The outlets feature a sequential power-on function that ensures ProAV systems are powered on safely. Furthermore, compatibility with the ATEN Control System and Control4 libraries allows the PE6108AV to integrate with any ProAV equipment for full control of all devices without complex programming.

The PE6108AV is an optimal energy solution for data centers as well. With the combination of ATEN eco PDUs and eco DC Energy & DCIM Management Web GUI, 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.

Front View



Rear View



Detachable Front Panel



## 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, V3, and 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, and 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 causes the current overload to protect high-end Pro AV equipment and servers
- Auto Ping – the method pings a device at specified intervals, and if there is no response (request timed out), the PDU automatically powers cycles the outlet (off and then on)
- Holiday Mode – when Holiday Mode is enabled, each outlet will be set to the selection chosen for it: POWER OFF or POWER ON

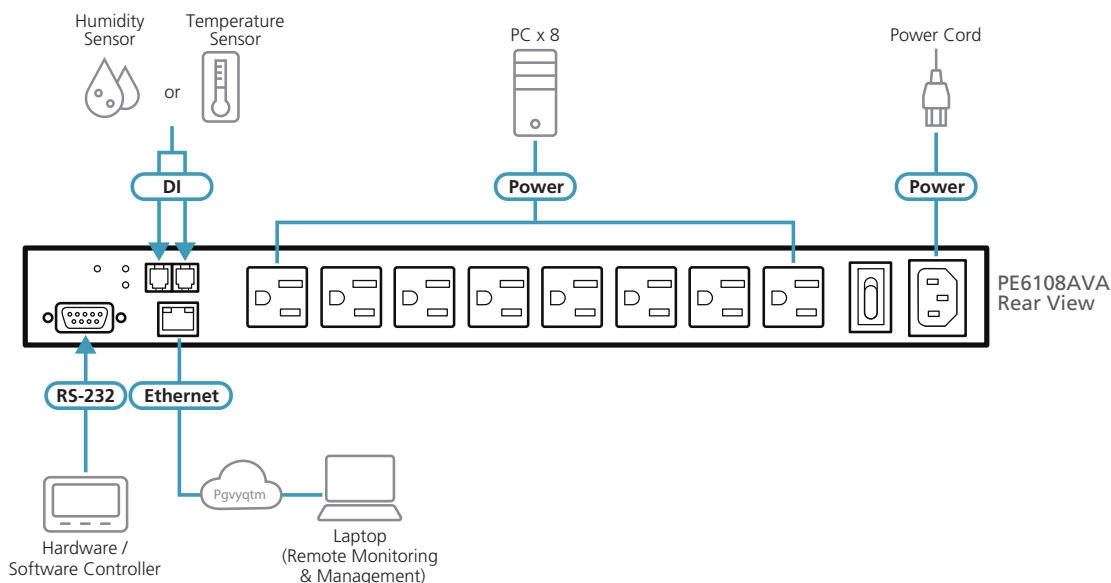
### eco DC Energy & DCIM Management Web GUI\*

- 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

**Note:** eco DC is designed to work with ATEN eco PDUs and is bundled with all PE Series models.

### Features available only on firmware-upgraded models with -ATB part number

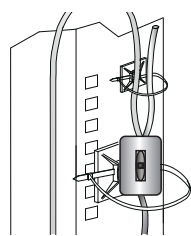
- Supports SMTPS, IPv6, Modbus (Over TCP/IP), Auto Ping, TLS1.2, SSH
- Supports IEEE 802.1X
- Authentication: LDAP, TACACS+
- UI – heartbeat, schedule control, mail control, and setting rule



## Specifications

|                                   | PE6108AV                                                                                                                                          |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Electrical</b>                 |                                                                                                                                                   |
| Nominal Input Voltage             | 100 – 120 VAC                                                                                                                                     |
| Maximum Input Current             | 15A (Max), 12A (UL de-rated)                                                                                                                      |
| Input Frequency                   | 50 – 60 Hz                                                                                                                                        |
| Input Connection                  | For A / J Plug : NEMA 5-15P                                                                                                                       |
| Input Power                       | 1800VA (Max), 1440VA (UL de-rated)                                                                                                                |
| Outlet Type                       | Total : 8 x NEMA 5-15R                                                                                                                            |
| 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)    | 15A (Max), 12A (UL de-rated)                                                                                                                      |
| Environment Sensor Ports          | 2                                                                                                                                                 |
| Outlet Switching                  | Yes                                                                                                                                               |
| Metering Accuracy                 | Voltage range: 100 Vac ~ 250 Vac + / - 1 %<br>Power range: 100 W ~ 5000 W + / - 2 %<br>Current range: 0.1 A ~ 1 A + / - 0.1 A, 1 A~20 A + / - 1 % |
| Metering                          | Per Bank level Current, Voltage, VA , PF and KWh Monitoring                                                                                       |
| <b>Communication</b>              |                                                                                                                                                   |
| 10 / 100 Mbps                     | 1 x RJ-45                                                                                                                                         |
| RS-232                            | 1 x DB-9                                                                                                                                          |
| <b>Switches</b>                   |                                                                                                                                                   |
| Power                             | Yes                                                                                                                                               |
| <b>Physical Properties</b>        |                                                                                                                                                   |
| Power Cord Length                 | 3 m                                                                                                                                               |
| Dimensions (L x W x H)            | 43.24 x 26.73 x 4.40 cm                                                                                                                           |
| Weight                            | 3.70 kg                                                                                                                                           |
| <b>Environmental</b>              |                                                                                                                                                   |
| Temperature (Operating / Storage) | 0 – 45 °C / -20 – 60 °C                                                                                                                           |
| Humidity (Operating and Storage)  | 0 – 80 % RH, Non-Condensing                                                                                                                       |
| <b>Compliance</b>                 |                                                                                                                                                   |
| Safety Verification               | PSE                                                                                                                                               |
| EMC Verification                  | FCC, J55032                                                                                                                                       |

## 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                    |  |  |

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