

## PE5108

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



ATEN PE5108 eco PDUs are intelligent power distribution units equipped with 8 AC outlets and available in various IEC and NEMA socket configurations. Designed for enterprise-level data centers, they offer secure, centralized, and intelligent power management — including power on, off, and reboot capabilities — for IT equipment such as servers, storage systems, KVM switches, network devices, and serial-based hardware.

With the integration of optional environmental sensors\*, they provide real-time monitoring of the data center's ambient conditions, enabling improved energy efficiency and proactive infrastructure management.

Eco PDUs provide remote power control and real-time power monitoring, enabling users to manage and track power status from virtually anywhere via a TCP/IP connection.

The eco PDU supports third-party SNMP v3 management software as well as ATEN's [eco DC](#) Energy Management Software. [eco DC](#) offers a user-friendly graphical interface for centralized management of multiple devices, allowing for easy configuration and real-time monitoring of connected equipment. When paired with sensor-enabled eco PDUs, [eco DC](#) also delivers detailed power analytics and reporting — organized by department or location — with accurate, real-time measurements of current, voltage, power, and energy consumption (watt-hour).

With advanced security features and user-friendly operation, the eco PDU offers the most convenient, reliable, and cost-effective solution for remotely managing power access across multiple computer installations, ensuring optimal allocation of power resources.

Note: Sensors are optional accessories. A sensor-enabled installation is required to generate comprehensive energy efficiency data and charts. A higher density of sensors will enhance the accuracy of the 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

- 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

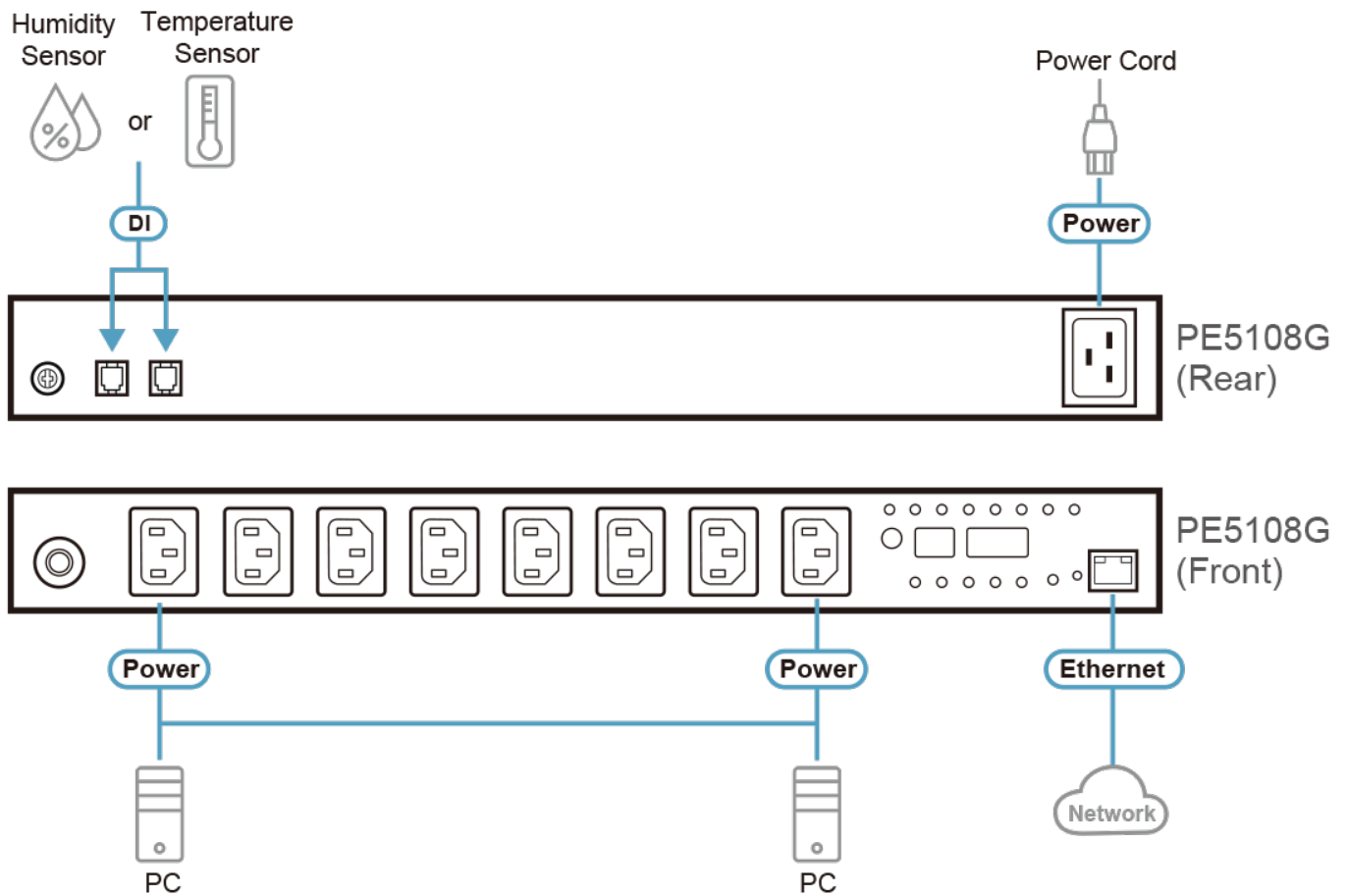
#### • Features available only on firmware-upgraded models with -ATB part number

- Supports SMPTS, 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

# Specification

| Function                          | PE5108A   | PE5108B   | PE5108G   |
|-----------------------------------|---|---|---|
| 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 16A Non-Fuse Breaker  | 1 x 16A Non-Fuse Breaker  | 1 x 10A Non-Fuse Breaker  |
| Metering                          | Bank level Current, Voltage, VA , PF and KWh Monitoring   | Bank level Current, Voltage, VA , PF and KWh Monitoring   | Bank 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%<br>Power Range: 100W ~ Maximum Capacity +/- 2%<br>Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/- 1% | Voltage Range: 100VAC ~ 250VAC +/-1%<br>Power Range: 100W ~ Maximum Capacity +/- 2%<br>Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/- 1% | Voltage Range: 100VAC ~ 250VAC +/-1%<br>Power Range: 100W ~ Maximum Capacity +/- 2%<br>Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/- 1% |
| Physical Properties               |   |   |   |
| Dimensions (L x W x H)            | 43.24 x 4.40 x 21.93 cm   | 43.24 x 4.40 x 21.93 cm   | 43.24 x 4.40 x 21.93 cm   |
| Weight                            | 2.77 kg   | 2.82 kg   | 2.82 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 – 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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