

PE7208

20A/16A 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 PE7208 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 [PDU](#)s offer real-time power measurement - allowing you to monitor the power status of devices attached to the [PDU](#)s, 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 Sensors](#) (Energy Management Software). [eco Sensors](#) 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 Sensors](#), 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 Sensors](#), 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
- **Outlet Switch Control**
- Always On

Specifications

eco PDU

| Function | PE7208A | PE7208B | PE7208G |
|---------------------------------|---|--|---|
| 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 | NEMA 5-20P | NEMA 6-20P | IEC 60320 C20 |
| Input Power | 2400 VA(Max); 1920 VA(UL de-rated) | 4160 VA(Max); 3328 VA(UL de-rated) | 3680 VA(Max) |
| Outlet Type | Total : 8 x NEMA 5-20R | Total : 7 x IEC320 C13 + 1 x IEC320 C19 | Total : 7 x IEC320 C13 + 1 x IEC320 C19 |
| 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) C19: 20A(Max); 16A(UL de-rated) | C13: 10A(Max) C19: 16A(Max) |
| 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) |
| Breakers | 1 x 20A Non-Fuse Breaker | 1 x 20A Non-Fuse Breaker | 1 x 16A 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 ~ | Voltage Range: 100VAC ~ | Voltage Range: 100VAC ~ |

| | | | |
|-----------------------------------|---|--|--|
| | 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% | 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% | 250VAC +/-1% Power Range: 100W ~ Maximum Capacity +/- 2% Current Range: 0.1A~1A +/- 0.1A, 1A~20A +/-1% |
| Physical Properties | | | |
| 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 | 2.74 kg (6.04 lb) | 2.74 kg (6.04 lb) | 2.74 kg (6.04 lb) |
| 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 | TUV-CB, cTUVus, Others by Request | TUV-CB, cTUVus, Others by Request | TUV-CB, 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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