

PE1218S

Basic Metered 1U PDU with Surge Protection

PE1218SA



Engineered to enhance the efficiency of power distribution and power status monitoring in an IT environment, the ATEN Basic Metered PDU Series contains 1U members with 18 outlets and is available in IEC or NEMA socket configurations. The compact form factor plus the support for rack mount installation helps to save space and eliminates clutter. Benefits from the built-in surge protection module, the IT devices connected to the PDU are well-protected from sudden surges in electricity.

To monitor the power status of the connected devices, the units feature dual 3-digit 7-segment displays to show the input voltage and output current in real-time. The Basic Metered PDUs provide secure, centralized power usage of data center IT equipment, including servers, storage systems, KVM switches, network devices, to optimize power consumption and asset management.

Note: The warranty does not cover any accessories external to the product like the surge protection module.

Features

- Space saving 0U rack mount design
- IEC or NEMA outlet models
- Surge protection
- Dual 3-digit 7-segment displays to show current and voltage
- Real-time PDU current monitoring when used in conjunction with the [EC1000](#) Energy Box

Specification

| Function | PE1218SA | PE1218SB | PE1218SG |
|------------------------------------|---|---|---|
| Electrical | | | |
| Nominal Input Voltage | 100-120 VAC | 100-240 VAC | 100-240 VAC |
| Maximum Input Current | 20A Max (UL derating 16A Max) | 20A Max (UL derating 16A Max) | 16A Max |
| Input Frequency | 50-60 Hz | 50-60 Hz | 50-60 Hz |
| Input Connection | For A Plug: NEMA L5-20P For A2 Plug: NEMA 5-20P | NEMA L6-20P | IEC-320 C20 |
| Input Power | 2400VA(Max); 1920VA(UL de-rated) | 4800VA(Max); 3840VA(UL de-rated) | 3840VA(Max) |
| Outlet Type | (18) NEMA 5-20R | (18) IEC 320 C13 | (18) IEC 320 C13 |
| Maximum Output Current (Outlet) | 20A Max (UL derating 16A Max) | 15A Max (UL derating 12A Max) | 10A Max |
| Maximum Output Current (Bank) | 20A Max (UL derating 16A Max) | 20A Max (UL derating 16A Max) | 16A Max |
| Maximum Output Current (Total) | 20A Max (UL derating 16A Max) | 20A Max (UL derating 16A Max) | 16A Max |
| OPD(Overcurrent Protection Device) | Yes | Yes | Yes |
| Physical Properties | | | |
| Dimensions (L x W x H) | 48.20 x 4.44 x 8.85 cm (18.98 x 1.75 x 3.48 in.) | 48.20 x 4.44 x 8.85 cm (18.98 x 1.75 x 3.48 in.) | 48.20 x 4.44 x 8.85 cm (18.98 x 1.75 x 3.48 in.) |
| Weight | 1.30 kg (2.86 lb) | 1.30 kg (2.86 lb) | 1.30 kg (2.86 lb) |
| Power Cord Length | 10ft(12#) | 10ft(12#) | 10ft(3x1.5mm2) |
| Environmental | | | |
| Temperature (Operating / Storage) | 0 – 40°C / -20 – 60°C | 0 – 40°C / -20 – 60°C | 0 – 40°C / -20 – 60°C |
| Elevation (Operating / Storage) | 3000m | 3000m | 3000m |
| Compliance | | | |
| EMC Verification | FCC Class A | FCC Class A | CE Class A |
| Safety Verification | UL, other by request | UL, other 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



Note: As there are many Basic Metered PDUs, PE1324S (top) and PE1118S (bottom) are the respective 0U and 1U examples used here.

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