

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](#)

Specifications

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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