

## PE0218S

1U Basic PDU with Surge Protection

PE0218SA



ATEN's Basic PDU family is extended with 1U members containing 18 outlets and available in IEC or NEMA socket configurations. The compact aluminum housing gives a sleek, yet robust look while minimizing installation space for work space efficiency. Thanks to the built-in surge protection module, the IT devices connected to the PDU are well-protected from sudden surges in electricity. The Basic PDUs are tailored made for individuals who are in need of industrial-grade, easy-to-deploy power distribution unit in data centers, server rooms, and network wiring closets.

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

### Features

- Space saving – 1U rack mount design
- IEC or NEMA outlet models
- Surge protection
- Aluminum material
- Works with data centers, server rooms, and telecom equipment

**Specification**

| Function                           | PE0218SA                                                                                                                        | PE0218SB                                            | PE0218SG                                            |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| <b>Electrical</b>                  |                                                                                                                                 |                                                     |                                                     |
| Nominal Input Voltage              | 100-120 VAC                                                                                                                     | 100-240 VAC                                         | 100-240 VAC                                         |
| Maximum Input Current              | 20A Max<br>(UL de-rated 16A Max)                                                                                                | 20A Max<br>(UL de-rated 16A Max)                    | 16A Max                                             |
| Input Frequency                    | 50-60 Hz                                                                                                                        | 50-60 Hz                                            | 50-60 Hz                                            |
| Input Connection                   | For A Plug: NEMA L5-20P<br>For A2 Plug: NEMA 5-20P                                                                              | NEMA L6-20P                                         | IEC-320 C20                                         |
| Input Power                        | 2400VA(Max);<br>1920VA(UL de-rated)                                                                                             | 4800VA(Max);<br>3840VA(UL de-rated)                 | 3840VA(Max)                                         |
| Outlet Type                        | (18) NEMA 5-20R                                                                                                                 | (18) IEC 320 C13                                    | (17) IEC 320 C13,(1) IEC 320 C19                    |
| Maximum Output Current (Outlet)    | 20A Max<br>(UL de-rated 16A Max)                                                                                                | 15A Max<br>(UL de-rated 12A Max)                    | C13:10A Max<br>C19:16A Max                          |
| Maximum Output Current (Bank)      | 20A Max<br>(UL de-rated 16A Max)                                                                                                | 20A Max<br>(UL de-rated 16A Max)                    | 16A Max                                             |
| Maximum Output Current (Total)     | 20A Max<br>(UL de-rated 16A Max)                                                                                                | 20A Max<br>(UL de-rated 16A Max)                    | 16A Max                                             |
| OPD(Overcurrent Protection Device) | Yes                                                                                                                             | Yes                                                 | Yes                                                 |
| <b>Physical Properties</b>         |                                                                                                                                 |                                                     |                                                     |
| Dimensions (L x W x H)             | 48.20 x 4.44 x 8.85 cm<br>(18.98 x 1.75 x 3.48 in.)                                                                             | 48.20 x 4.44 x 8.85 cm<br>(18.98 x 1.75 x 3.48 in.) | 48.20 x 4.44 x 8.85 cm<br>(18.98 x 1.75 x 3.48 in.) |
| Weight                             | 1.26 kg ( 2.78 lb )                                                                                                             | 1.26 kg ( 2.78 lb )                                 | 1.26 kg ( 2.78 lb )                                 |
| Power Cord Length                  | 10ft(12#)                                                                                                                       | 10ft(12#)                                           | 10ft(3x1.5mm2)                                      |
| <b>Environmental</b>               |                                                                                                                                 |                                                     |                                                     |
| 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                                               |
| <b>Compliance</b>                  |                                                                                                                                 |                                                     |                                                     |
| EMC Verification                   | FCC Class A                                                                                                                     | FCC Class A                                         | CE Class A                                          |
| Safety Verification                | UL, other by request                                                                                                            | UL, other by request                                | CE,LVD, UL                                          |
| Note                               | For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format. |                                                     |                                                     |

Diagram



Note: (1) As there are many Basic PDUs, PE0324S (top) and PE0118S (bottom) are the respective 0U and 1U examples used here.

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