



PSA3000 Rack accommodating 1000-3300W (DC) Up to 3 PSM1000 Power Supplies



Features

- Accommodates up to 3 power supplies
- Hot Plug N+ 1
- Busbar output for ease of wiring to Powered Devices

Applications

- Power Over Ethernet
- Telecommunications
- Network Redundant Power Source
- Servers

Safety Approvals (per installed PSU)

- CE
- cUL/UL

Mechanical Characteristics

- Length: 430mm (16.93in)
- Width: 355.2mm (13.98in)
- Height: 44.6mm (1.76in)
- Weight: 9.97Kg (22lb.)

Output Specifications

Model	Output	Output Power
PSA3000-611	1-3 PSM1000* Power Supplies	1000W-3300W

.Note (*): see individual datasheet for power supply electrical specifications

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ENVIRONMENTAL:**Temperature**

Operation	0 to +40°C
Non-operation	-30 to +70°C

Humidity

Operation	8 to 90%
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FEATURE:**Load Sharing**

The individual unit offers an active feedback circuit, current share and internal isolated diodes. The units in the rack are connected in parallel each sharing $\pm 10\%$.

Output Connector

2 outside buss bars (BB1, BB2): +56V output

2 inside buss bars (BB3, BB4): 56V return

CN4 (Signal Connector) – LANDWIN 4202P0820T

Pin 1	Fault 1
Pin 2	Fault 2
Pin 3	Fault 3
Pin 4	Current Share
Pin 5	Ground
Pin 6	-
Pin 7	Standby 12V Return
Pin 8	Standby 12V

A fault **low** signal measured from CN4 pin 1 (fault 1) to pin 5 return (gnd) indicates a “fault” to PS (A), CN4 pin 2 (fault 2) pin 5 return (gnd) indicates a “fault” to PS (B), CN4 pin 3 (fault 3) to pin 5 return (gnd) indicates a “fault” to PS (C)

Dimension Diagram unit:mm