

Rectifier Shelf DPS 300B/600B-48-4 RS 19IN

The Power behind.



Main features

- Modular structure
- 19" rectifier shelf / 1 U
- Short depth
- Easy to stack shelves
- Up to 2.4 kW installed power
- Fan cooled rectifiers DPR 600B-48 or DPR 300B-48
- Hot pluggable, all connectors at the rear
- Efficiency ³ 92%

Applications

- Indoor and outdoor
- Digital subscriber line (DSL)
- Transmission, PBX
- Telecom, wireless, datacom

Description

The DPS 600B-48-4RS 19IN is a very compact and short 19" / 1U shelf with up to four DPR 600B-48 or DPR 300B-48 rectifiers. The modular design allows flexible power system solutions in 19" standard cabinets, offering a cost effective and reliable solution. The DPS 600B-48-4RS 19IN can be applied with various types of standard or customized distribution units with PSC 1, PSC 3 or PSC 1000 power system controllers.

The typical applications for this rectifier shelf are both in indoor and outdoor environments, which is a perfect solution for digital subscriber line (DSL), transmission, PBX, wireless base stations, core network components, telecommunications networks and data networks.

 **DELTA** Energy Systems
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Rectifier Shelf DPS 300B/600B-48-4RS 19IN

Technical Specifications

General	
Efficiency	≥ 92%
Safety	IEC / EN 60 950
EMC	EN 300 386-2
Cooling	Fan cooled rectifiers
Protection	IP 20

Input	
AC connection	L/N/PE
Nominal voltage	230 V _{rms}
Voltage range	80 ... 300 V _{rms}
Range, reduced power	80 ... 130 V _{rms}
Frequency range	50 / 60 Hz
Current nominal	11.6 A _{rms}
Current maximum	24 A _{rms}
Line current	Meets IEC 1000-3-2
Mains terminal	Common terminal
Transient OVP	Option / external

Output	
Voltage, nominal	53.5 V _{dc}
Voltage range	42 ... 58 V _{dc}
Output current	44.8 A _{dc}
Current limitation	56.0 A _{dc}
Power, limitation	4 x 600 W
Power, nominal	2400 W
Power, redundant	1800 W
Power, at 88V _{rms}	1600 W

Mechanics	
Construction	Steel frame
Cabinet standard	19 IN
Width, body	445 mm (19 ")
Depth, overall	280 mm
Height, overall	44.45 mm (1U)
Weight, system	3 kg / 6.6 lb
Weight, rectifiers	0.9 kg / 2.0 lb

Environment	
Operation temperature	-25 ... +65 °C
Relative humidity	95 % max, non condensing

Options	
Number of rectifiers	1 ... 4
AC selectivity fuse	4A (5x20mm) per module
Transient OVP	For external installation

Accessories	
Rectifier front cover	D0117507
Distribution	DPD 200 19IN-3U DPD 250 19IN-5U

All technical data is valid for a system with DPR 600B-48 rectifier module.

Subject to change due to technical progress.