

# Power system

## DPS 600B-48-2

### Description

The DPS 600B-48-2 belongs to the Delta CellD product series. This high power-density system is ideal for space critical applications. An integrated modular system allows flexible and adaptable installations.

The system includes up to two rectifiers, AC and DC connections, battery connection and either Delta PSC 1 or PSC 3 controller. In addition, easy installation and expandability add to the success of the system.

Delta is known for quality and product reliability, and to this solution has been added cost-effectiveness.

### Main features

- 19" / 1 U shelf power system up to 1200 W
- High power density
- Fits into 300 mm deep ETSI cabinets
- Fan cooled rectifiers DPR 600B-48 or DPR 300B-48
- Integrated power distribution

### Applications

- Digital subscriber line (DSL)
- Fibre in the loop
- Transmission
- PBX
- Network components



*Our product portfolio includes both indoor and outdoor power systems building on extensive R&D, modular production and customization. InD and OutD categories with CellD, MidD and CabD series can meet any of your size and location requirements.*

*CellD systems are small enough to fit into various applications. The products in this series are particularly for installations where space is limited. The power range of CellD series is typically 0.3 - 10 kW.*



## Technical specifications

1. Input	
AC connection	L + N + PE
Nominal voltage	230 V <sub>RMS</sub> (L-N)
Voltage range	88 - 300 V <sub>RMS</sub>
Frequency range	45 - 66 Hz
Current nominal / phase	5.8 A <sub>RMS</sub>
Mains terminal	Terminal blocks
Input protection, recom.	10 A
Transient OVP	external

2. Output	
Voltage range	42 - 58 V <sub>DC</sub> ; 53.5 V <sub>DC nom</sub>
Power, nominal	1.2 kW
Fuses	3 x 10 A + 3 x 20 A
Battery fuses	2 x 40 A
LVD	Included

Ordering information	
Product line number:	
- PSC 1	D0118239
- PSC 3	D0126262
Description	DPS 600B-48-2

3. General	
Height, overall	44 mm (1U)
Width, body	444 mm (19")
Depth, overall	281 mm
Weight, system	5 kg
Efficiency	≥ 92 %
Ambient temperature	-25 to +65 °C
Relative humidity	95 % max, non cond.
Safety	IEC/EN 60950
EMC	EN 300 386
Protection	IP 20
Controller	PSC 1 PSC 3
EMC	EN 300 386
Rectifier	DPR 600B-48 DPR 300B-48

Subject to change without notice.



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