

Power system

DPS 2000C-48-2

Description

The DPS 2000C-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 Delta CSU 502 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 4000 W
- High power density
- 12"/300 mm deep shelf design
- Fan cooled rectifiers DPR 2000C-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 _{RMS} (L-N)
Voltage range	90 – 300 V _{RMS}
Voltage range – Reduced Power	90 – 175 V _{RMS}
Frequency range	50/60 Hz
Maximum current	20A _{RMS} @ 220V

2. Output	
Voltage range	40 - 59 V _{DC} ; 54.0 V _{DC nom}
Power, nominal	4000 kW
Current	37A @ 54V per rectifier 74A @ 54V for system 41.7A @ 48V per rectifier 83.4A @ 48V for system
Distribution - Load	GMT Fuse x 6 15A Max. per position
Distribution - Battery	50A breaker x 1
LVD	Included

Ordering information	
System part number	ES48/70-UFA02
Rectifier part number	ESR-48/40A A

3. General	
Height, overall	44 mm (1U)
Width, body	483 mm (19")
Depth, overall	312 mm (12.3")
Weight, system (w/o rectifier)	4.5 kg / 9.9 lb
Weight, rectifier	2 kg / 4.4 lb
Efficiency	≥ 91 %
Ambient temperature	-20 to +65 °C
Relative humidity	95 % max, non cond.
Controller	CSU 502
EMC	EN 55022 Class B for rectifier
Rectifier	DPR 2000C-48

Subject to change without notice.



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