

Power system

DPS 2900B-48-3

Description

The DPS 2900B-48-3 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 three rectifiers, AC and DC connections, battery connection and Delta 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" / 4U shelf power system
- Power up to 8.7 kW, high power density
- Dimensions (H x W x D): 176 x 483 x 300 mm
- Option for enhanced monitoring and controlling

Applications

- Network base stations
- Wireless applications
- Fixed line applications, data communications



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 - 17.4 kW.



Technical specifications

1. Input	
AC connection	3L + N + PE
Nominal voltage	3 x 230 V _{RMS} (L-N)
Voltage range	88 - 310 V _{RMS}
Frequency range	50 / 60 Hz
Current nominal / phase	17 A _{RMS}
Mains terminal	Terminal blocks
Input protection, recom.	3 x 20 A
Transient OVP	external

2. Output	
Voltage range	42 - 58 V _{DC} ; 54 V _{DC nom}
Power, nominal	8.7 kW
MCB	1 - 18 pcs / 1 - 63 A
PLD	Option
Battery MCB	1 - 4 x 80 - 100 A or 1 - 2 x 125 - 150 A
LVD	Yes

Ordering information	
Product line number	3791302800
Description	DPS 2900B-48-3

3. General	
Height, overall	176 mm (4U)
Width, body	444 mm (19")
Depth, overall	300 mm
Sliding mounting rails	Optional
Weight, system	20 kg
Efficiency	96 %
Ambient temperature	-40 to +45 °C
Relative humidity	95 % max, non cond.
Safety	IEC/EN 60950
EMC	EN 300 386
Protection	IP 20
Controller	PSC 3
Rectifier	DPR 2900B-48

Subject to change without notice.



Delta Energy Systems (Finland) Oy
 Juvan teollisuuskatu 15, FIN-02921 Espoo
 Phone: +358 9 849 660, Fax: +358 9 8496 6100

www.deltapowersolutions.com