

Power system

DPS 2900B-48-9/12 19IN

CellID 600

Description

The DPS 2900B-48-6/12 19IN (CellID 600) belongs to the Delta CellID 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 six 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.

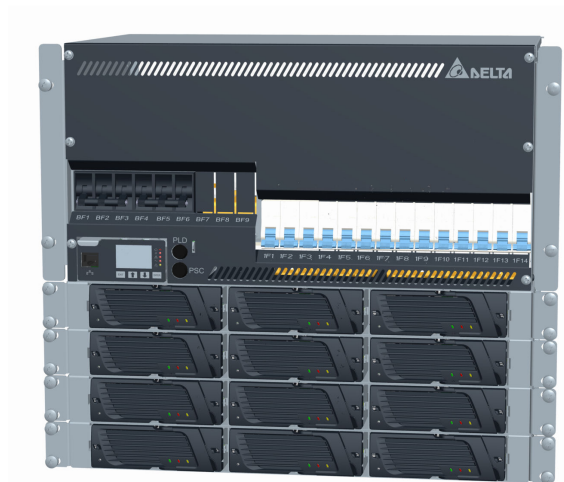
Delta is known for quality and product reliability, and to this solution has been added cost-effectiveness.

Main features

- Power up to 34.8 kW, high power density
- Dimensions (H x W x D): 399 x 480 x 375 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 CellID, MidD and CabD series can meet any of your size and location requirements.

CellID 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 CellID series is typically 0.3 - 34,8 kW.



Technical specifications

1. Input	
AC connection	2 x (3L + N + PE)
Nominal voltage	3 x 230 V _{RMS} (L-N)
Voltage range	88 - 300 V _{RMS}
Frequency range	45 - 66 Hz
Current nominal / phase (one AC line for two rect. shelves)	26.5 A _{RMS}
Mains terminal	Screw terminals
Input protection, recom.	2 x (3 x 40 A)
Transient OVP	external

2. Output	
Voltage range	42 - 58 V _{DC} ; 54 V _{DC nom}
Power (max. installed)	34.8 kW
MCB	1 - 14 x 1 - 63 A
PLD	Option
Battery MCB	1 - 6 x 80 - 100 A, 1 - 4 x 125 - 200 A or 1 - 3 x 250 - 300 A
LVD	Yes

Ordering information	
Product line number	3791546100
Description	DPS 2900B-48-9/12 19IN

3. General	
Height, overall	399 mm (9U)
Width, body	480 mm (19")
Depth, overall	375 mm
Weight, system	30 kg
Efficiency	96,2 %
Ambient temperature	-25 to +45 °C
Relative humidity	95 % max, non cond.
Safety	IEC/EN 60950
EMC	EN 300 386
Protection	IP00 or optional IP20
Controller	PSC 3
Rectifiers	Max 9 or 12 x DPR 2900B-48 depending on rectifier shelf configura- tion

Subject to change without notice.



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