

Power system

DPS 2400B-48-6 Lite

Description

The DPS 2400B-48-6 belongs to the Delta MidD product series. This compact, 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 and distribution unit with configurable elements for AC and DC distribution. In addition, advanced supervision features and easy installation 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

- Compact size 1U rectifier shelf
- Up to 14.4 kW with fan cooled DPR 2400B-48 rectifiers
- Efficiency 94 %
- Power System Controller PSC 3
- Different mounting options (wall or mountable on battery cabinet)

Applications

- Wireless base stations
- Telecommunications and data networks



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.

MidD systems are medium-range power systems that are easy to transport and install. MidD series provides typically from 5 to 20 kW.



Technical specifications

1. Input	
AC connection	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	3 x 27 A _{RMS} @ 14,4 kW
Mains terminal	Terminal blocks Main switch, optional
Input protection, recom.	3 x 32 A
Transient OVP	Option

2. Output	
Voltage range	42 - 58 V _{DC} ; 53.5 V _{DC nom}
Power, nominal	14.4 kW
MCB	1 - 18 pcs / 1 - 63 A
PLD	Optional
Battery MCB	1 - 6 x 80 - 125 A 1 - 3 x 160 - 200 A
LVD	Option

Ordering information	
Product line number	3791075100
Description	DPS 2400B-48-6 Lite

3. General	
Height, overall	280 mm
Width, body	600 mm
Depth, overall	400 mm
Weight, system	35 kg
Efficiency	94 %
Ambient temperature	-40 to +75 °C
Relative humidity	95 % max, non cond.
Safety	IEC/EN 60950
EMC	EN 300 386-2
Protection	IP 20
Controller	PSC 3
Rectifier	DPR 2400B-48

Subject to change without notice.



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