

Power system

DPS 7200C-48-12

Description

The DPS 7200C-48-12 belongs to the Delta CabD 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 twenty four rectifiers, AC and DC connections, battery connection and the Delta ICSU 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

- Up to 86.4 kW
- Expandable with a 2nd cabinet
- Fan cooled rectifiers DPR 7200C-48
- Rectifier efficiency 90 %
- Remarkable cost savings of cooling
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Applications

- Core network components
- 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.

CabD series can secure up to hundreds of kW of premium-quality electricity. The modularity and scalability of the systems enable fast roll-out and ease of expansion when needed. CabD offers the option of parallel installation for maximum capacity. The entire system can be controlled by a single unit.



Technical specifications

1. Input

AC connection	3L + N + PE
Nominal voltage	480V _{RMS} or 380V _{RMS}
Voltage range	265 - 530 V _{RMS}
Frequency range	45 - 66 Hz
Inrush current	<15 A _{PEAK} per rectifier @ 480Vac

2. Output

Voltage range	40 - 59 V _{DC} ; 54.0 V _{DC nom}
Power, nominal	86.4 kW
Current	1600A @ 54V 1800A @ 48V
Distribution**	Capacity: 2000A max Battery Fuse: 1250A x 4 per Bay Battery BLVD x 1 Load Rail x 1 : 1600A maximum per rail

** Contact Delta representative for different distribution options

Ordering information

System Part number	ES 48/1600-PJA01
Rectifier Part number	ESR 48/120A A

3. General

Height, overall	2000 mm
Width, body	600 mm
Depth, overall	600 mm
Weight, system	180 kg
Efficiency	≥ 90 %
Ambient temperature	-5 to +50 °C
Relative humidity	95 % max, non cond.
Protection	IP 20
Controller	ICSU
Rectifier	DPR 7200C-48

Subject to change without notice.



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