

# Power system DPS 2700C-48-6

## Description

The DPS 2700C-48-6 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 nine rectifiers, AC and DC connections, battery connection and the Delta CSU 5 controller. 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

- Up to 16.2 kW
- Fan cooled rectifiers DPR 2700C-48
- Rectifier efficiency 91 %
- Remarkable energy saving for cooling equipment
- Saving of investment for cooling equipment
- Remarkable space saving

## 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.*

*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	380V <sub>RMS</sub> 3 x 230 V <sub>RMS</sub> (L-N)
Voltage range	88 - 300 V <sub>RMS</sub>
Voltage range – Reduced Power	90 – 175 V <sub>RMS</sub>
Frequency range	50/60 Hz

2. Output	
Voltage range	40 - 59 V <sub>DC</sub> ; 54.0 V <sub>DC nom</sub>
Power, nominal	16.2 kW maximum
Current	300A @ 54V 336A @ 48V
Distribution – Load**	Rail 1: 63A x 5 + 25A x 5 + 16A x 3 Rail 2: 125A x 3 + 100A x 1
Distribution – Battery**	Battery Fuse 400A x 2
LVD	Included

\*\* Contact Delta representative for different distribution options

Ordering information	
System part number	ES48/300-UBA01
Rectifier part number	ESR-48/56A B

3. General	
Height, overall	1600 mm
Width, body	600 mm
Depth, overall	600 mm
Weight, system	90 kg
Efficiency	≥ 91 %
Ambient temperature	-5 to +50 °C
Relative humidity	95 % max, non cond.
Protection	IP 20
Controller	CSU 5
Rectifier	DPR 2700C-48

Subject to change without notice.



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