

# Power system

## DPS 2700C-48-3

### Description

The DPS 2700C-48-3 belongs to the Delta MidD 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 the Delta CSU 5 controller. In addition, advanced supervision 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

- Open rack construction
- Up to 8100 W with fan cooled DPR 2700C-48 rectifiers
- Power System Controller CSU 5

### Applications

- Wireless base stations
- 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.*

*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	L + N + PE
Nominal voltage	230 V <sub>RMS</sub> (L-N)
Voltage range	90 – 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	8100 kW
Current	150A @ 54V 168A @ 48V
Distribution – Load**	Breaker x 7 (DIN Rail C60 type (10A x 3 + 50A x 4)
Distribution – Battery**	Breaker x 2 (DIN Rail C120 type (125A x2)
LVD	Included

\*\* Contact Delta representative for different distribution options

Ordering information	
System part number	ES48/150-UKJ01
Rectifier part number	ESR-48/56A B

3. General	
Height, overall	1200 mm
Width, body	613 mm
Depth, overall	680 mm
Weight, system	51.5 kg
Efficiency	≥ 91 %
Ambient temperature	-20 to +65 °C
Relative humidity	95 % max, non cond.
Controller	CSU 5
Rectifier	DPR 2700C-48

Subject to change without notice.



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