



Illustration photo

## Main features

- 19in or 21in rack mounted system up to 250 A loads
- Integrated distribution unit and rectifiers shelf with combinations from 4U to 7U
- High efficiency rectifiers up to 97,2 %
- All connections easily accessible from the top
- All battery and load breakers accessible at the front
- Sliding mechanism to support easy access to the output connections
- Option for enhanced monitoring and controlling

## Application

- Wireless applications, network base stations, LTE
- Fixed line applications, broadband services
- Transmission

## Description

CellID systems are small, just like cells. They can be embedded in the telecom infrastructure and are often used in OutD outdoor solutions. The products in this series are light and designed especially for installations with limited space offering high density of the installed power.

The system includes high efficiency rectifiers, AC and DC connections, battery connection and either ORION or PSC 3 controller. In addition to advanced supervision, short depth and easy installation are the success factors of the system.

Delta is known for quality and product reliability – in this solution that has been combined to optimize the total cost of ownership.

### Technical specifications

Power system type	DPS 1600B-48-6 CellID300	DPS 1600B-48-9 CellID300	DPS 2400B-48-5 CellID300	DPS 4000B-48-5 CellID300	
Rectifier type	DPR 1600B-48 (max.6pc)	DPR 1600B-48 (max.9pc)	DPR 2400B-48 (max.5pc)	DPR 4000B-48 (max.5pc)	
Efficiency	92 %	92 %	93,5 %	95 %	
Install power (max. configuration)	9.6 kW	14.4 kW	12 kW	20 kW	
Input current (3 phase)	19 A <sub>RMS</sub>	28.5 A <sub>RMS</sub>	30 A <sub>RMS</sub>	37 A <sub>RMS</sub>	
Input protection (recommendation)	3 x 20 A	3 x 32 A	3 x 32 A	3 x 50 A	
Height (overall)	266 mm (6U)	311 mm (7U)	222 mm (5U)	266 mm (6U)	
Width (body)	444 mm (19")	444 mm (19")	444 mm (19")	444 mm (19")	
Depth	315 mm	315 mm	410 mm	455 mm	
Power system type	DPS 2900B-48-3 CellID300	DPS 2900B-48-3 CellID300	DPS 2900B-48-5 CellID300	DPS 2900B-48-6 CellID300	DPS 2900B-48-6 CellID300
Rectifier type	DPR 2900B-48 (max.3pc)	DPR 2900B-48 (max.3pc)	DPR 2900B-48 (max.5pc)	DPR 2900B-48 (max.6pc)	DPR 2900B-48 (max.6pc)
Efficiency	96.4 % or 97.2 %	96.4 % or 97.2 %	96.4 % or 97.2 %	96.4 % or 97.2 %	96.4 % or 97.2 %
Install power (max. configuration)	8.7 kW	8.7 kW	14.5 kW	17.4 kW	17.4 kW
Input current (3 phase)	16 A <sub>RMS</sub>	16 A <sub>RMS</sub>	32 A <sub>RMS</sub>	32 A <sub>RMS</sub>	32 A <sub>RMS</sub>
Input protection (recommendation)	3 x 20 A	3 x 20 A	3 x 40 A	3 x 40 A	3 x 40 A
Height	222 mm (5U)	177 mm (4U)	222 mm (5U)	266 mm (6U)	222 mm (5U)
Width	444 mm (19")	495 mm (21")	444 mm (19")	444 mm (19")	495 mm (21")
Depth	315 mm	315 mm	315 mm	315 mm	315 mm
AC Input					
AC configuration	1 x 3PH, 2 x 3PH or configurable				
Input voltage range	80 ... 300 V <sub>RMS</sub>				
Frequency range	45 - 66 Hz				
Mains connection	Cable / Screw terminals				
Input protection	N loss, Internal OVP, Inbuilt fuses (L+N), High input voltage				
DC Output					
Output voltage range	42 - 58 V <sub>DC</sub> ; 53.5 V <sub>DC nom.</sub>				
Output current (max.)	250 A				
Load breakers (space depends on frame size, battery fuses and breaker type)	15-21 x 18mm MCB (19IN), 21-24 x 13 mm MCB (19IN), 18-24 x 18mm MCB (21IN), 25 x 13 mm MCB (21IN)				
Battery breakers	2-6 x MCB (up to 125 A), 2-3 x MCB (up to 200A), 2 x MCB (up to 300A)				
LVD (battery)	250 A (standard)				
PLD (not critical loads)	150 A or 250 A (option)				
Output protection	Inbuilt fuses (both poles), High output voltage, Over-temperature protection				
Control / Monitoring					
Controller	ORION or PSC 3				
Local interface	Display, menu structure, keypads, LEDs				
Remote monitoring	6 alarm relays, modems, WEB Interface, SNMP protocol				
Other					
Operating temperature	-45 - +65°C				
Humidity (relative)	95% max., non cond.				
Weight (depending on configuration)	14 - 25 kg				
Environment standard	ETSI EN 300 019-1-3				
Safety standard	IEC 60950				
EMC standard	EN 300 386				

A2B, s.r.o. reserves the right to change any of the above without prior notice. (71-000042-01-A)