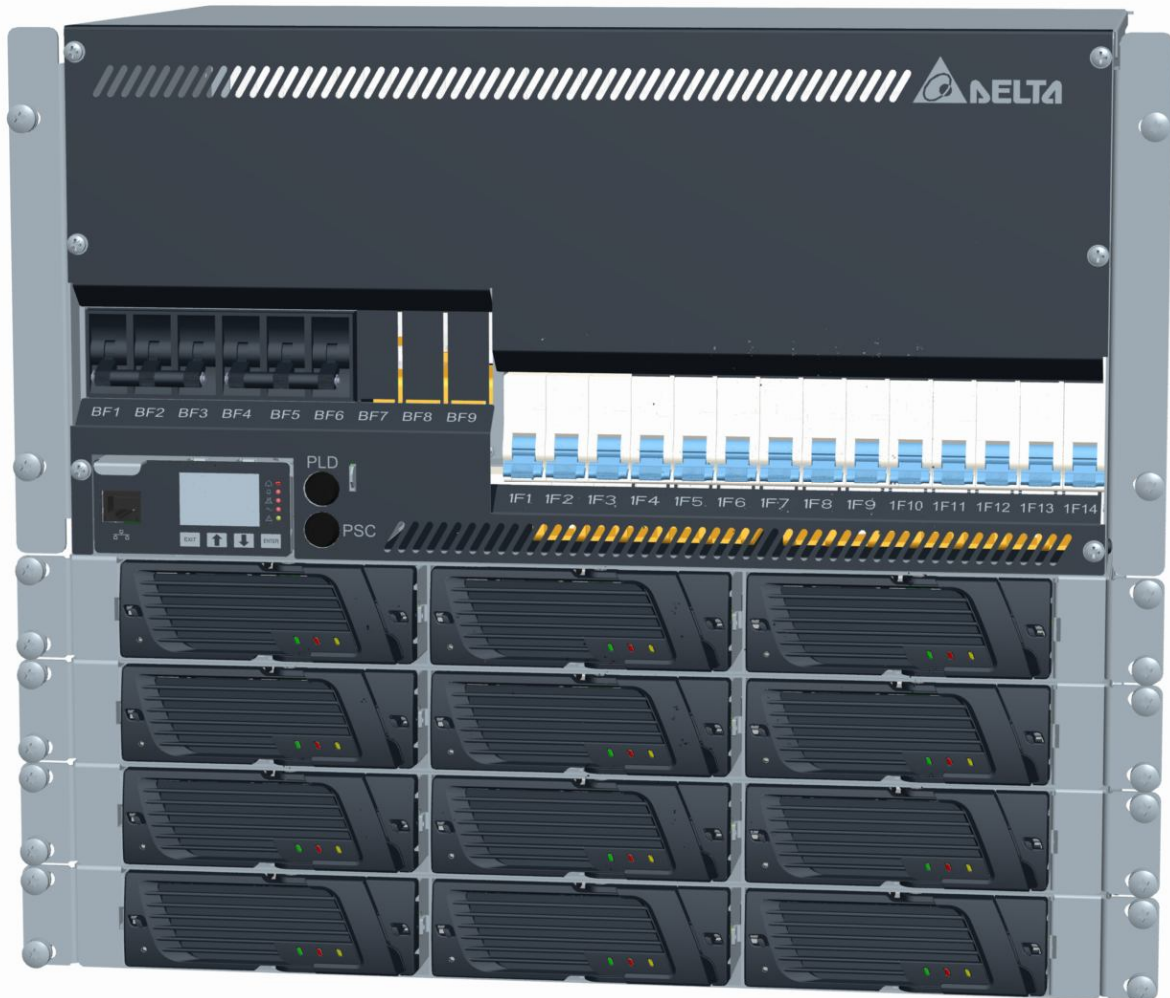


CellID 600 Power System



General Features

Illustration photo

- Up to 34.8 kW, high power density
- Built-in distribution unit 5U + polica pre usmerňovač 2U ... 4U
- High efficiency up to 96.2 %
- Designed for ventilated rectifiers DPR 2900B-48 and DPR 4000B-48
- Hot-swappable, all connectors accessible from the top, batteries and breakers from the front
- Optional PLD
- PSC 3 Controller

Application

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

Description

The DPS 2900B-48-6/12 19IN (CellID 600) belongs to the Delta CellID 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 Delta PSC 3 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.

Technical specifications

General information	DPS 2900B-48-9/12	DPS 4000B-48-5
Rectifier module	DPR 2900B-48 (max.9/12pc)	DPR 4000B-48 (max.5pc)
Efficiency	96,2 %	95 %
Install power (max. config.)	34.8 kW	20 kW
Input current (3 phase)	26.5 A _{RMS}	37 A _{RMS}
Input protection (recom.)	2 x (3 x 40 A)	3 x 50 A
AC connection	2 x (3L + N + PE)	3L + N + PE
Height	399 mm (9U)	311 mm (7U)
Width	480 mm (19")	480 mm (19")
Depth	375 mm	465 mm
Weight	30 kg	25 kg

AC Input	
Input voltage range	80 ... 300 V _{AC}
Frequency range	45 / 66 Hz
Mains connection	Cable / Screw terminals
Input protection	N loss, Internal OVP, built-in fuses (L+N), High input voltage

DC Output	
Voltage range	42 ... 58 V _{DC} 53,5 V _{DC nom.}
Output current (max.)	600 A
Loads MCB	14 pcs MCB
Battery MHCb	9pc HMCb (up to 100A), 4pc HMCb (up to 200A), 3pc HMCb (up to 300A)
PLD	Optional
LVD	Yes
Critical / non critical load (PLD)	6 pc MCB + 8 pc MCB (optional)
Protection (output)	Bulti-in fuses (both poles), High output voltage, Over-temperature protection

Control / Monitoring	
Controller	PSC 3
Local interface	Display, menu structure, keypads, LEDs
Remote monitoring	6 alarm relays, modems, WEB Interface, SNMP protocol

Other parameters	
Operating temperature	-40 to +65°C
Relative humidity	Max. 95% non cond.
Standards	ETSI EN 300 019-1-3 IEC/EN 60950 EN 300 386

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