

# Smart DC Distribution

DC distribution with controlled & measured breakers



## Description

The Delta DPD panels are a solution to have extra DC distribution working together with power supply systems. DPD panel is used to provide additional load MCB's. Each MCB have it's own current measurement and contactor for remote control and energy measurement with Delta's advanced controller.

The distribution unit is built as 1U panel with front access load breakers. The panels can be installed into 19IN rack supporters. A product configurator is created for configuring up to two 80-125 A breakers and up to eight 6 - 63 A breakers.

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

## Main features

- Universal frame design, prepared for installation on standard rack supporters
- Compact size – 1U high
- Plug in breakers
- Space for 10 breakers
- Configurable
- Communication with ORION

## Applications

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

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## Technical specifications

GENERAL	
Design	Rack design, for installation on 19" standard supporters
Material	Galvanized steel
Finish (front)	Polyester Powder Paint RAL7021
Cooling	PWM controlled fan, no air filter
Number of load breaker positions	10 modules
Height (overall)	43.3 mm (1U)
Width (overall)	488 mm (19")
Depth	90 mm frame / ~580 mm with cabling space
Weight	13.1 kg (net)

DC PANEL FEATURES	
Voltage range	40-57.6 V
Current	300 A
Input connection	2x 95 mm <sup>2</sup> cables with M8 lugs (1 m long)
Load fuse rating	2x (80-125 A) and 8x (6-63 A)
Load fuse alarm	No
Partial load disconnecter	10x contactor
Current measuring	10x measurements

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OTHERS	
Operating temperature	-40 to +55 °C
Humidity (relative)	95 % max, non cond.
Safety standard	EN 62368-1
EMC standard	EN 300 386
Environment standard	ETSI EN 300 019-1 (class 1.2), -2 (class 2.2),-3 (class 3.2)

ORDERING INFORMATION	
Product configurator	3798105241

Specifications are subject to change without notice

