

DPS 2900 Series

DC Power System



DPS 2900 Series is the power system playing the leader role in Telecom industry and Data center application with 600A of the power for 48V system. It is modular, expandable and can be easily installed in 23-inch enclosure, also with high cost-performance ratio and gorgeous efficiency all rolled into one, that is, your one of a kind energy core.

To maintain all aspects of the power performance, working perfectly at extremely high efficiency up to 96.4% and keeping low consumption, not to mention the ultra-leading power density, makes DPS 2900 Series the extraordinary green design and the savior of reducing CO₂.

Relying on the advanced real time monitoring mechanism and comprehensive battery management, ensuring prevention before problems and lengthening the battery life can reach each component's full potential in a compact 7U shelf and generate savings in OPEX.

Key Features

- Perfect Integration with Delta Outdoor Enclosure
- Compact Design 7U System
- Leading Efficiency 96.4%

Applications

- 3G / 4G / 5G Telecom Applications
- Fixed Line
- Datacom



DPS 2900 Series



EAASAI-00-ZL

INPUT

Voltage (nominal)	Single phase; 220V _{AC} ; 4W (L1, L2, N, FG)
Voltage (range)	90 - 300V _{AC} ; De-rating ≤ 176V _{AC}
Frequency	45 - 65Hz

OUTPUT

Voltage (nominal)	-48V _{DC}
Voltage (default)	-54V _{DC}
Voltage (adjustable range)	-42 to -58V _{DC}
Maximum Power @ nominal Input	34.8kW (600A)

MECHANICAL

Dimensions (W x H x D)	584.2 x 311.3 x 463.7mm (23 x 12.25 x 18.25in)
Weight	approx. 36kg (79.36lb) (without rectifier)

ENVIRONMENTAL

Operating Temperature	0 to +50 °C (14 to +122 °F)
Storage Temperature	-40 to +70 °C (-40 to +158 °F)
Altitude	0 to +4000m
Related Humidity	0 – 95 % RH non-condensing
Acoustic Noise	< 60dBA @ 1M

STANDARDS

Safety	UL LISTED
EMC	CE, TUV/UL (rectifier)
Environment	RoHS

* All specifications are subject to change without prior notice.

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