

Rectifier DPR 7200

Description

The DPR 7200 Series is a three phase rectifier that does not impose reactive power on the AC installation. This rectifier is optimal for installations, where the Neutral connection is not available. Features include wide input voltage range and low input current distortion. These advantages help lower the cost of system installation.

Installation is simplified as all Delta rectifiers have their connectors at rear and are hot-pluggable. Fan cooling with speed control ensures near silent operations.

Main features

- Advanced energy saving functionality
- True three phase AC connection
- Power factor corrected
- Universal AC input voltage range
- No oversize of AC installation needed
- User friendly LCD display.

Applications

DPR 7200 is used in Delta InD systems for:

- Wireless applications, MSC
- Fixed line applications, data communications



Delta rectifiers are market leaders in power density offering solutions for compact space and weight requirements. In addition to that, the highest efficiency ensures lower energy consumption and leads to smaller environmental footprint.

With a focus on continuous improvement of total cost of ownership, Delta rectifiers combined with advanced controlling and monitoring units help reducing both CAPEX and OPEX.

Rectifier DPR 7200

Technical specifications

1. Input	
Mains voltage	264 - 530 Vrms 3-phase
Mains frequency	50 / 60 Hz
Harmonic distortion (THD)	5 %
EMI (conducted)	EN 55022, class B
Protection	Internal breaker 25 A
AC over voltage protection	External option

2. Output	
Nominal system voltage	53.5 V
Operating voltage range	42 - 58 V
Power limitation	7200 W
Current limitation	150 A
Overvoltage protection	59 V
EMI (conducted)	EN 55022, class A
Load sharing	Yes
Protection	Internal fuse

Ordering information	
Description ^{*1}	DPR 7200B-48 / ESR-48/120A C-S
Description ^{*2}	DPR 7200C-48 / ESR-48/120A D-S

3. General	
Efficiency	92 %
Power density	4.7 W / in ³
Control and monitoring	PSC 3 ^{*1} ICSU ^{*2}
User interface	LCD display Navigation button Main switch
Dimensions (W x H x D)	483 x 131 x 484 mm 19.0 x 5.2 x 19.1 in
Weight	22 kg 48.8 lb
Standards	
• Safety	EN / IEC 60950
• EMI (radiated)	EN 55022, class B
• Environment	RoHS compliant
Cooling	Fan cooled
Acoustics	55 dB (A)
Operating temperature	-5 to +55 °C 23 to +131 °F

Subject to change without notice.



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