



DPR 6000 EnergyE > 3 Phase Rectifier

Product Feature

- Energy saving – leading edge efficiency
- Advanced energy saving functionality
- Space saving – leading edge power density
- Space saving – up to 24 kW per shelf in 2U height
- Silent operation – very low audible noise
- Low line current distortion – power factor correction

Specifications

Model	DPR 6000B-48 ID:A1	DPR 6000B-48 ID:B1
1. Input		
Mains voltage	250 - 530 V _{RMS} , 3-phase	165 - 290 V _{RMS} , 3-phase
Mains frequency	50 / 60 Hz	
Harmonic distortion (THD)	5 %	
EMI (conducted)	EN 55022, class B	
Protection	Internal fuse	
2. Output		
Nominal system voltage	53.5 V	
Operating voltage range	42 – 58 V	
Power limitation	6000 W	
Current limitation	125 A	
Over voltage protection	59 V	
EMI (conducted)	EN 55022, class A	
Load sharing	Yes	
Protection	Internal fuse	
3. General		
Efficiency	96.5 %	96.2 %
Power density	26.5 W/in ³	
Communication Interface	CAN bus	
Control and monitoring	ORION controller	
User interface	Status indication	
Dimensions (W x H x D)	129.5 x 83.0 x 380.7 mm (5.1 x 3.26 x 14.99 in)	
Weight	5.2 kg (11.46 lb)	
4. Standards		
Safety	EN / IEC 60950 UL 60950 CAN / CSA - C22.2	
EMI (radiated)	EN 55022, class B	
Environment	RoHS compliant	
Cooling	Fan cooled	
Acoustics	46 dB (A)	
Operating temperature	-40 to +70 °C (-40 to +158 °F)	
5. Ordering information		
Part number	DPR 6000B-48 ID:A1	DPR 6000B-48 ID:B1

*All specifications are subject to change without prior notice.

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