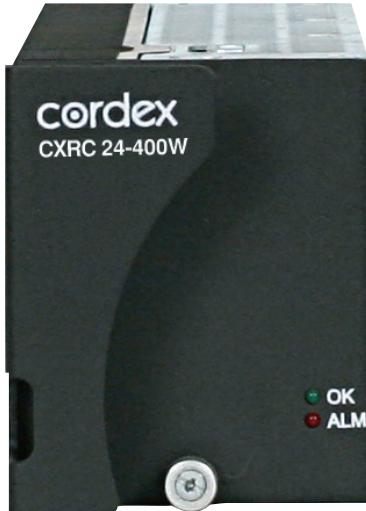




an EnerSys® company

Cordex® 400W

24VDC Modular Switched Mode Rectifier



- Available in 14A @ 24VDC
- Universal 120/208 to 240VAC input
- High efficiency and power factor correction
- Convection cooled
- Hot swappable, 2RU ultra compact design

Cordex® rectifiers bring advanced technology to the DC power industry. Innovative engineering combines the best in efficiency and reliability meeting the power requirements for a variety of system applications.

The Cordex® 400W rectifier is available in a choice of 19" or 23" shelf configurations. Both system options come complete with distribution, controller, and capacity for four rectifiers. With 1.6kW total output per shelf, it is an ideal solution to meet the needs of applications requiring lower power.

Local and remote setup, adjustment and control is a simple, single-step process with the Cordex® CXC System Controller. By utilizing TCP/IP technology, complete configuration and monitoring of power equipment is possible through a network web browser.

Cordex® 400W 24VDC Modular Switched Mode Rectifier

P/N: 010-582-20-040

Electrical		Environmental	
Input Voltage:	Nominal: 90 to 320VAC Extended: 70 to 90VAC (de-rated output power)	Temperature:	Operation: -40 to 50°C (-40 to 122°F) (power de-rated up to 70°C/158°F) Storage: -40 to 85°C (-40 to 185°F)
Input Frequency:	45 to 70Hz	Humidity:	0 to 95% RH non-condensing
Power Factor:	>99%	Elevation:	-500 to 3000m (-1640 to 9840ft)
THD:	<5%	Heat Dissipation:	<151 BTU per hour/44 Watts
Efficiency:	>91% (max)	Shelves	
Power Output:	380W (max)	19" shelf	
Output Voltage:	21 to 30VDC	Dimensions:	mm: 88.9 x 444W x 279.4D inches: 3.5H x 17.5W x 11D
Output Current:	14A (current limited)	Weight:	8.5kg (18.7lbs)
Load Regulation:	Static <±0.5% Dynamic <±2% for 50 to 100% load step 2ms recovery time	Mounting:	Fits 19" rack flush mount
Line Regulation:	Static <±0.1% Dynamic <±1% for any change within rated limits	23" shelf	
Wide Band Noise:	<30mVrms <150mVp-p	Dimensions:	mm: 133H x 533W x 279.4D inches: 5.25H x 21W x 11D
Psophometric Noise:	<1mV	Weight:	12.7kg (28lbs)
Performance / Features			
Indicators:	AC mains OK — green LED Module alarm — red LED	Mounting:	Fits 23" rack center mount
Cooling:	Natural convection	Note: Consult factory for other 19" and 23" shelf configurations.	
Adjustments: (Via CXCI HP Controller)	<ul style="list-style-type: none"> Float and equalize voltage Battery test voltage High and low voltage alarms High voltage shutdown Current limit Start delay time Slope % 	Connections	Input: Dual feed terminal blocks 4 to 6mm² (12 to 10AWG) Output: 1/4" studs on 5/8" centers Chassis Ground: 1/4" stud CAN Communication: RJ 12 offset
Protection:	<ul style="list-style-type: none"> Current limit/short circuit Input/output fuses Output high voltage shutdown Output power limiting Thermal foldback/shutdown Input transient AC low line foldback/shutdown AC high voltage shutdown 	Agency Compliance	<ul style="list-style-type: none"> CSA C22.2 No 60950-1-03 UL 60950-1 1st edition CE marked IEC/EN 60950-1
Mechanical		EMC:	ETSI 300 386 Emissions: <ul style="list-style-type: none"> ICES-03 Class B EN55022 (CISPR 22) Class B C-Tick (Australia) EN 61000-3-2 EN 61000-3-3 Immunity: <ul style="list-style-type: none"> EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-11 ANSI/IEEE C62.41 Cat B3
Dimensions:	mm: 88.4H x 71.6W x 242D inches: 3.4H x 2.8W x 9.5D		
Weight:	1.4kg (3lbs)		



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