

# Power

## Cordex™ CXC

### System Controller



CXCM

- LCD touch-screen user interface
- Internet ready, integrated SNMP
- High reliability CAN bus communications
- User definable alarms
- Flexible battery management features
- PowerSave™ rectifier shutdown available

The Cordex series features the newest innovations in power technology available today. The compact Cordex CXC supervisory and system controller is designed for seamless operation of the Cordex rectifier family.

A graphic LCD display with a state-of-the-art touch-screen interface allows for simple and convenient set up, control, and monitoring of Cordex rectifiers. Innovative IP technology allows complete configuration and monitoring from any location via the Internet.

The Cordex CXC also features user definable alarms, flexible battery management, integrated SNMP, and highly reliable CAN bus communications. Optional RS-485 communication is also available to control the Pathfinder® series of rectifiers.

The Cordex CXC is designed for effortless operation of Cordex rectifier family, making time consuming and complicated set up and monitoring of DC power systems a thing of the past.

## SPECIFICATIONS

### Electrical

Input voltage	20 to 60VDC
Current	< 100mA at 48VDC < 200mA at 24VDC

### Features

Input channels:	Inputs for voltage, temperature, current and digital inputs
Output channels:	Form C relay outputs for user defined alarm configuration
Security:	Multilevel password control
<b>USER INTERFACE</b>	
GUI:	Use internet browser to access embedded GUI through Ethernet port or RS-232
Display:	Full graphic LCD, 160 x 160 pixels, with backlight and contrast adjustment
LED indicators:	System OK - Green Minor alarm - Yellow Major alarm - Red
Controls:	LCD touch screen with virtual alpha numeric and numeric keyboards
Audio:	Built in speaker with associated tones for alarms and popup messages
Language:	Multi language support including Chinese characters

### COMMUNICATION PORTS

RS-232 port:	Craft port on front panel for local connection and 2 <sup>nd</sup> port on rear panel for remote connection via external modem
CAN:	Interface to rectifiers. Optional 2 <sup>nd</sup> CAN bus for interface to smart peripherals like battery cell monitoring and additional I/O
RS-485:	Optional for Pathfinder® series
Ethernet:	10/100 Base T with half/full duplex

### COMMUNICATION PORTS CONT'D

Modem:	Optional internal or external modems with dial back security and password control
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### ALARM

Relays:	Potential free Form C contacts
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SNMP:	Compatible with HP openview, SNMP
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Pager:	Via modem
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### DATA LOGGING

Daily statistics:	Minimum, maximum and average on analog input channels, with date and time stamp Battery current, rectifier current, and AC mains voltage for last 90 days
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Event log:	On all events such as alarms, power on, any change of state of the digital inputs, or other miscellaneous events
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Battery log:	Battery health history on last 20 discharges, time of discharge, and battery capacity
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### CONTROL FUNCTIONS

	Battery temperature compensation Automatic, scheduled (periodic) or manual equalize (periodic) or manual equalize Dynamic charge current control Multiple LVD control Battery capacity and runtime prediction Battery mid-point monitoring Auto or manual battery test
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### Standards

Safety:	CSA C22.2 N° 60950-1-03 UL 60950-1 1 <sup>st</sup> Edition IEC/EN 60950-1
EMC:	ETSI 300 386
Emissions:	CFR47 (FCC) Part 15 Class B ICES-03 Class B EN55022 (CISPR 22) Class B C-tick (Australia)
Immunity:	EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 CE marked

### Mechanical

Mounting:	CXCR with 19" or 23 " mounting CXCP panel mount CXCM modular plug-in unit
Dimensions CXCP/R (Plus 19" or 23" bracket)	mm: 131 H x 431 W x 100 D inches: 5.1 H x 16.9 W x 3.9 D
CXCM mm: inches:	177 H x 74 W x 255 D 6.9 H x 2.9 W x 10 D
Weight: CXCM CXCR	1.8 kg (3.9 lb.) 6.2 kg (13.8 lb.)

### Environmental

Temperature Extended:	-40 to 65°C (-40 to 149°F)
Humidity:	0 to 95% R.H. non-condensing



CXCR Panel Mount



CXCR Rack Mount

**Please note:** Argus reserves the right to make changes to the products and information contained in this document without notice. Please contact your sales representative for the most up-to-date product specifications.

For more information and detailed drawings, visit [argusdcpower.com](http://argusdcpower.com)

Canada  
United States

Argus Technologies Ltd. Vancouver, BC, Canada Tel: 604 436 5900 Fax: 604 436 1233  
Argus Technologies Inc. Bellingham, WA, USA Tel: 360 671 7054 Fax: 360 671 7096

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