

# Cordex™ 1kW

## 48Vdc Modular Rectifier Shelf Systems



Your Power Solutions Partner

- Modular rectifier solution provides multiple configurations up to 125A for various 48Vdc applications
- Convection cooled design for high reliability in harsh industrial environments
- Wide range AC input for multiple worldwide AC services
- Integrated system capability with modular controller and DC distribution



**Alpha's Cordex series includes a complete range of modular 1kW rectifier shelf systems to meet the needs of worldwide communications applications.**

Cordex 1kW modular systems range from a 6kW bulk power 19" shelf to a 4kW fully integrated 23" shelf power system with CXCM plug in controller and distribution module. The distribution module option is available with (6) plug-in style breakers for load distribution and battery disconnects as well as a GMT type fuse option for additional loads.

Alpha Cordex 1kW rectifier modules feature complete hot-swappability, high efficiency with power factor correction, unique power limiting capability and wide range input. Convection cooling and an ultra compact design also make Cordex shelf systems ideal for the communications industry.

# Power

# Cordex™ 1kW 48Vdc Modular Rectifier Shelf Systems

## CORDEX 48-1KW RECTIFIER SHELVES



### > 19in flush mount

Cordex 5kW bulk power system with plug in controller

**P/N:** .....030-706-20

**Rectifiers:** .....5 x CXRC 48-1kW

**Controller:**.....CXCM

**Distribution:**.....Bulk power for external distribution panel



### > 19in flush mount

Cordex 6kW bulk power system

**P/N:** .....030-707-20

**Rectifiers:** .....6 x CXRC 48-1kW

**Controller:**.....Requires CXCR rack mount controller

**Distribution:**.....Bulk power for external distribution panel



### > 23in center mount

Cordex 4kW shelf power system with plug in controller & bullet type breaker distribution

**P/N:** .....030-704-20 L0

**Rectifiers:** .....4 x CXRC 48-1kW

**Controller:**.....1 x CXCM

**Distribution:**.....Integrated plug-in breakers & GMT fuse option

## SHELVES

### > 19" & 19/23"

#### Dimensions:

mm:.....177H x 444W x 302D

inches: .....6.9H x 17.5W x 11.9D

**Weight:**.....7.5kg (16.5lbs)

### > 23"

#### Dimensions:

mm:.....177H x 543W x 302D

inches: .....6.9H x 21.4W x 11.9D

**Weight:**.....10.2kg (22.5lbs)

Note: Shelf P/Ns DO NOT include rectifier modules or distribution breakers

Weights DO NOT include modules

Dimensions do not include mounting brackets

#### Communication ports:

CAN: .....Interface to control rectifiers

Ethernet: .....10/100 Base-T for TCIP/SNMP features

## RELATED COMPONENTS

Cordex™1kW 48Vdc rectifier

Cordex™ controller CXCM

AM plug-in breakers

GMT style fuses