



The Sol series includes a complete range of modular 250W rectifier shelf systems to meet the needs of worldwide communications applications.

The Sol 250W modular systems range from a 1.25kW bulk power 19" shelf with CXCI to a 1kW fully integrated 19" shelf power system with CXCI controller and bullet breaker distribution module. The unique 500W integrated 12" shelf is ideal for portability or in an outdoor enclosure.

The Sol Series 250 W rectifier modules feature complete hot-swappability, high efficiency with power factor correction, and wide range input. Convection cooling and an ultra compact design also make The Sol CXS shelf systems ideal for 12Vdc applications.

- + 83A capacity modular power system for various 12Vdc applications
- + Convection cooled design for high reliability in harsh industrial environments
- + Wide range AC input for multiple worldwide AC services
- + Integrated system capability with shelf controller and DC distribution

# 250W 12Vdc Modular Rectifier Shelf Systems

250W Modular Rectifier Shelf Systems

19/23" Shelf Systems



P/N 030-770-20  
Cordex 1000W shelf power system with CXCI controller & bullet breaker distribution

## Mechanical

### Dimensions:

mm:..... 89H x 435W x 302D  
inches:..... 3.5H x 17.1W x 11.9D  
Weight:.....6.9kg (15.5lbs)

Note: Shelf P/Ns DO NOT include modules or distribution breakers  
Weights DO NOT include modules  
Dimensions do not include mounting bracket

### Communication ports:

CAN:..... Interface to control rectifiers.  
Smart peripherals  
Ethernet:..... 10/100 Base-T for TCIP/SNMP features

## Environmental

### Temperature:

Standard:..... -40 to 50°C (-40 to 122°F)  
Storage:..... -40 to 85°C (-40 to 185°F)  
Humidity:..... 0 to 95% RH non-condensing  
Elevation:..... -500 to 3000m (-1640 to 9840ft)  
Cooling:..... Natural or forced convection,  
vertical airflow

## Related Components

Cordex™ 250W 12Vdc rectifier  
Cordex™ Controller CXCI  
AM plug-in breakers

**HELIOS**  
POWER SOLUTIONS

**THE SOL** SERIES

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