

# C~CAN

## **COMMUNICATION** Rectifiers **Fan Cooled** [monolithic]



*The HFR-HF series are compact highly reliable rectifiers designed for today's communication applications.*

### Features

- **Compact** - only 2 RU high.
- **No wasted rack space** - Plug and Play Modularity without mounting shelf.
- **Ease of maintenance** - AC and DC connections are plug-in.
- **Flexibility** - parallels with all types of units.
- **Low output noise** - Less than 20 dBrc without battery.

### **HFR - HF SERIES 24VDC**

### Specifications

#### **MODEL CAPACITY:**

100A output.

#### **PROTECTION:**

Input and output circuit breakers.  
Input transient suppression.

#### **CONTROLS:**

Keypad menu driven set-up of all critical functions.

#### **METERING & STATUS:**

Output metering and unit status on four-line twenty-one character graphical display. Optional multi-lingual support available.

#### **REMOTE CONTROL & MONITORING:**

Status monitoring and control of rectifier functions using advanced C-Term software.

#### **WARRANTY:**

Comprehensive 24 month.

### Connection Detail



*Rear view of HFR rectifier.*

### Related Products



#### **POWER PLANTS:**

C-Can Power Systems Inc. manufactures a complete range of telecommunication power systems and accessories including rectifiers, DC/DC converters, advanced monitoring / controls and battery systems.

## Model

**COMMUNICATION** Rectifiers  
*Fan Cooled* [monolithic]

**HFR24/100HF**

## Input

Voltage:	185-276VAC
Phase:	Single
Frequency:	47-63Hz
Power Factor:	0.80
Current:	18 Amps

## Output

Voltage:	23-31V
Current:	100 Amps
Power:	2700 Watts
Efficiency:	85%
Regulation -Static:	+/-0.5%
Regulation -100% load:	2%
Response time:	<1mS
Voiceband noise weighted:	<0.5mV
Wideband noise:	<10mV

## Physical

Rack Units:	2RU
Dimensions (WxDxH):	17"x19.7"x3.5"
Weight:	23.5 lbs.
Temp. - Operating:	0-50°C
Temp. - Storage:	-20 to +80°C
Ventilation:	Fan Cooled
Rectifier Designation:	Monolithic
Rectifier Shelf:	Not Required

## Connections

Input:	Amp Twistlock with 6 ft. cable
Output:	Plug in Power Pole with 6 ft. cable



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## C~CAN

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