

C~CAN

COMMUNICATION Rectifiers **Fan Cooled** [monolithic]



HFR^{II} SERIES 24VDC

Typical Applications

- **POWER PLANTS**
- **FIBRE TRANSMISSIONS**
- **MICROWAVE**
- **COMMUNICATION CABINETS**
- **BURN-IN RACKS**
- **DC SERVERS**

The HFR^{II} is the newest in the HFR family of high reliability rectifiers designed for today's communication applications.

Features

- **Compact** - only 2 RU high.
- **No wasted rack space** - Plug and Play modularity without shelf.
- **Ease of maintenance** – Input and output connections are plug-in.
- **Flexibility** – will operate standalone or parallel load sharing.
- **Low noise output** - communications grade power without batteries. (<22 dBnc)
- **Universal input** – 120VAC or 230VAC 47-63Hz. automatically sensed.



Optional metering.

Connection Detail



Rear view of two rectifiers.

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]

HFR¹¹ 24/50

Input

Voltage:	95-265VAC
Phase:	Single
Frequency:	47-63 Hz
Power Factor:	0.99
Current:	11 Amps@120VAC, 7 Amps@230VAC

Output

Voltage:	24V
Current:	40 Amps@120VAC, 50 Amps@230VAC
Power:	1400 Watts
Efficiency:	87%
Regulation-Static:	+/-0.5%
Regulation-100% load:	2%
Response time:	<1 mS

Physical

Rack Units:	2RU
Dimensions (WxDxH):	17"x16.9"x3.5"
Weight:	15 lbs.
Temp. - Operating:	0-50°C
Temp. - Storage:	-20 to +80°C
Ventilation:	Fan Cooled
Rectifier Shelf:	Not Required

Features

Metering:	10 Segment LED Bar Graph - % Load
Status:	AC ON, Fault, Current Limit
Controls:	Input Breaker, Output Breaker, Float Adjust.

Option – "M"

Metering:	3 ½ Digital LCD Meter – Volts and Amps
Status:	AC ON, Fault, Current Limit, Float, Equalize
Controls:	Input Breaker, Output Breaker, Output Meter Volts/Amps Selector, Float / Equalize Adjust, Float / Equalize Selector.

ISO 9001 Registered

com 1038 rev 1 (06/03) pg.2

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