ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *C-CAN HFR 48/50HF-APF* at our website: *Click HERE*

C-CAN

COMMUNICATION *Rectifiers*

Fan Cooled [monolithic]



HFR - HF SERIES 48VDC

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

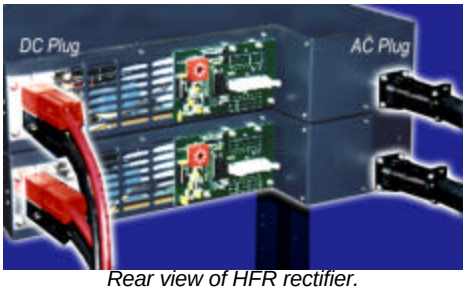
Features

- **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 dBrnc without battery.

Specifications

MODEL CAPACITIES:
50A and 100A outputs.
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.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

C~CAN **Technical Data**

Model		
COMMUNICATION *Rectifiers* ***Fan Cooled*** *[monolithic]*	**HFR48/50HF-APF**	**HFR48/100HF**
Input		
Voltage:	185-276VAC	185-276VAC
Phase:	Single	Single
Frequency:	47-63Hz	47-63Hz
Power Factor:	0.99	0.80
Current:	12 Amps	36 Amps
Output		
Voltage:	47-61V	47-61V
Current:	50 Amps	100 Amps
Power:	2800W	5600 Watts
Efficiency:	>90%	>90%
Regulation -Static:	+/-0.5%	+/-0.5%
Regulation -100% load:	2%	2%
Response time:	<1mS	<1mS
Voiceband noise weighted:	<0.5mV	<0.5mV
Wideband noise:	<10mV	<10mV
Physical		
Rack Units:	2RU	2RU
Dimensions (WxDxH):	17"x19.7"x3.5"	21"x24.9"x3.5"
Weight:	20.5 lbs.	38.6 lbs.
Temp. - Operating:	0-50^{o}C	0-50^{o}C
Temp. - Storage:	-20 to +80^{o}C	-20 to +80^{o}C
Ventilation:	Fan Cooled	Fan Cooled
Rectifier Designation:	Monolithic	Monolithic
Rectifier Shelf:	Not Required	Not Required
Connections		
Input:	Amp Twistlock with 6 ft. cable	Terminal Block
Output:	Plug in Power Pole with 6 ft. cable	Plug in Power Pole with 6 ft. cable

ISO 9001 Registered

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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