

RUGGED GALAXY SERIES

FREQUENCY CONVERTERS

COMPACT 1U-4U CHASSIS

700W-4KW OUTPUT POWER

UNIVERSAL 120/240VAC PFC INPUT
50-60-400 HZ OUTPUT
OPTIONAL SNMP COMMUNICATIONS
WHEN EVERY POUND COUNTS!



APPLICATIONS

Utilizing field proven high frequency technology, this family of rugged solid-state sinewave frequency converters is suitable for harsh environments and can be customized for unique applications including:

- ☐ Shelters
- ☐ Tactical Systems
- ☐ Shipboard power
- ☐ MIL-STD-810
- ☐ MIL-S-901
- ☐ HMMWVs
- ☐ Mobile Systems
- ☐ Ground support
- ☐ MIL-STD-461
- ☐ MIL-STD-1399



NOVA ELECTRIC
www.novaelectric.com
novasales@theallpower.com

A Leader in DC-AC Inverter Technology since 1966 - 500VA to 500+KVA

MADE IN USA

Specifications subject to change without notice.

MEETS MIL-STD-810, MIL-STD-1399, MIL-S-901, MIL-STD-740, MIL-STD-167 & MIL-STD-461

SPECIFICATIONS

OPTIONS

- ## PROTECTIVE FEATURES

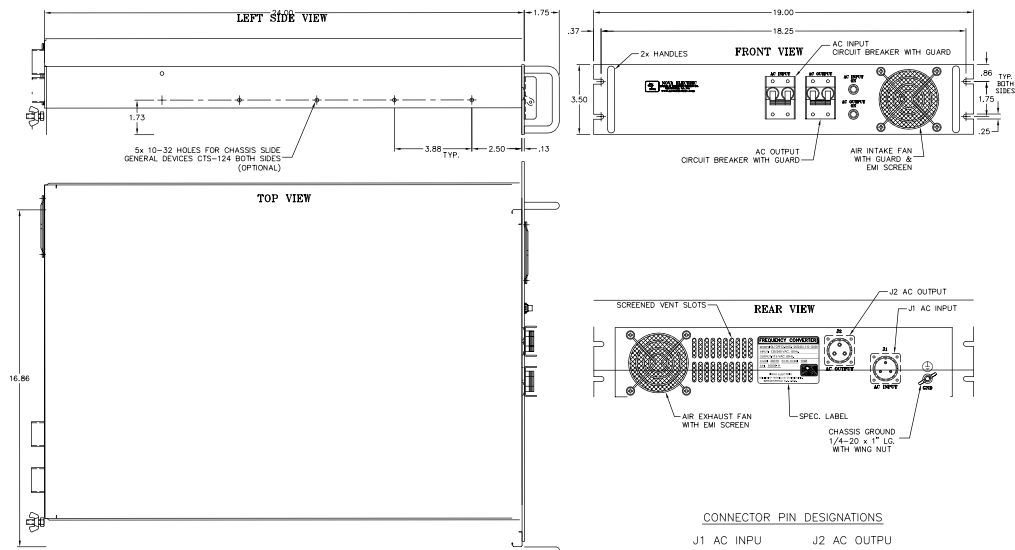
NOMINAL DIMENSIONS

Frequency Converter Dimensions:
19" Wide x 24" Deep (*see model chart for height*)

PARTIAL 60 HZ OUTPUT MODELS

50HZ OUTPUT MODELS

MODEL	KVA	KW	NOMINAL INPUT	INPUT FREQ.	OUTPUT VAC	OUTPUT FREQ.	F.C. LBS.	HEIGHT
GLFCPFC-5K50-120/240A-230-4U	5	4	120-240VAC	50/60Hz	230	50Hz	45	4U
GLFCPFC-3K50-120/240A-230-4U	3	3	120-240VAC	50/60Hz	230	50Hz	42	4U
GLFCPFC-3K50-120/240A-230-3U	3	2.4	120-240VAC	50/60Hz	230	50Hz	40	3U
GLFCPFC-2K50-120/240A-230-3U	2	1.6	120-240VAC	50/60Hz	230	50Hz	40	3U
GLFCPFC-1.5K50-120/240A -230-2U	1.5	1.2	120-240VAC	50/60Hz	230	50Hz	30	2U
GLFCPFC-1K50-120/240A-230-1U	0.9	0.7	120-240VAC	50/60Hz	230	50Hz	25	1U



TYPICAL 2U CHASSIS

NOTES:

1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
2. ALL UNDIMENSIONED PICTORIAL CONFIGURATIONS ARE FOR REFERENCE ONLY.
3. FRONT AND REAR MARKINGS FOR REFERENCE ONLY.
4. FRONT PANEL PAINTED - ANEL #61 GRAY SEMI GLOSS.
5. FRONT PANEL SILK-SCREEN IN BLACK EPOXY INK.

CONNECTOR PIN DESIGNATIONS

J1 AC INPU		J2 AC OUTPU	
MS3102R20-19P		MS3102R20-19P	
PIN DESCRIPTION		PIN DESCRIPTION	
A	LINE	A	LINE
B	NEUTRAL	B	NEUTRAL
C	GND	C	GND



NOVA ELECTRIC
TECHNOLOGY DYNAMICS, INC.
100 School St., Bergenfield NJ 07621