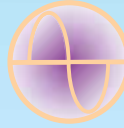


INVERTER

AC POWER



INVERTER

ISO 9001
U.L. REGISTERED FIRM
FILE No A5269

PLEASE VISIT OUR WEBSITE
AT www.novaelectric.com
FOR MORE INFORMATION ON THIS
PRODUCT AND OTHERS.

CGL300W SERIES

PURE SINEWAVE INVERTER

300W / 350VA

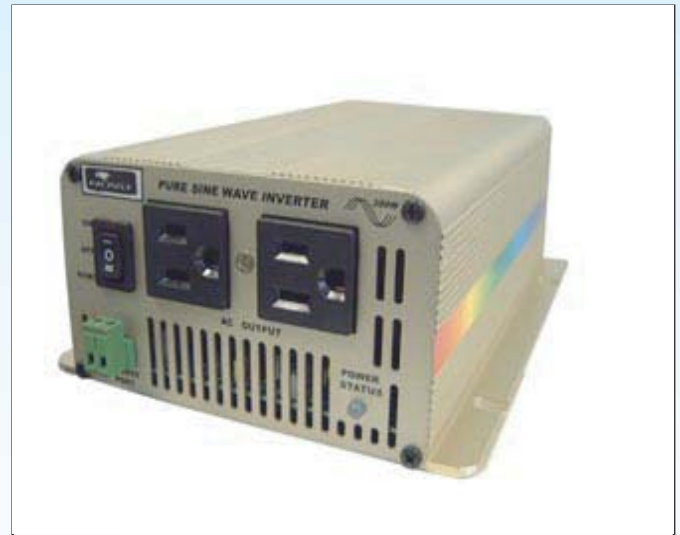
STANDARD INPUTS 12V, 24V, 48V

SIX MODELS FOR 110V 50/60 HZ & 220V 50/60HZ OUTPUT

*IDEAL FOR COMPUTERS, MONITORS, PRINTERS, ELECTRIC TOOLS,
RVs, SAIL BOATS, PHOTO VOLTAIC, INSTRUMENTS, AND APPLIANCES.*

FEATURES

- Microprocessor based design with absolutely accurate and stable frequency
- Panel indicator for output power
- Compact and light weight, yet rugged and vehicle rated,
- Tightly regulated output voltage and frequency
- Specify 50 or 60 Hz output, all models
- Capable of driving highly reactive loads such as electric tools and appliances
- Capable of driving highly capacitive loads such as switching power supplies
- Very low harmonic distortion, THD<4%
- Suitable for vehicle or wall mounting
- Standard inputs 12V, 24V & 48V
- Standard outputs 110V/60Hz, 230V/50Hz
- Sinewave performance at modified sinewave prices



9.33"x6.10"x2.83" (237x155 x 72mm) (LxWxH)

APPLICATIONS

The CGL300W (pure sinewave) inverters are intended for commercial or industrial applications wherever standard utility-like power is needed at 50 or 60 Hz. These inverters are ideal for running electronic loads such as computers, monitors, printers, telecom systems, radios, fluorescent lamps from batteries, field generators, and solar electro-voltaic panels. They can also drive hand drills, motors and small compressors.

MODEL SELECTION

INPUT	110V Models 50 or 60 Hz	220V Models 50 or 60 Hz
12V	CGL300W - 12 - 110	CGL300W - 12 - 230
24V	CGL300W - 24 - 110	CGL300W - 24 - 230
48V	CGL300W - 48 - 110	CGL300W - 48 - 230

**NOVA
ELECTRIC**

**UPS
1KVA - 450KVA**

**INVERTERS
120VA - 60KVA**

**FREQUENCY
CONVERTERS
120VA - 450KVA**



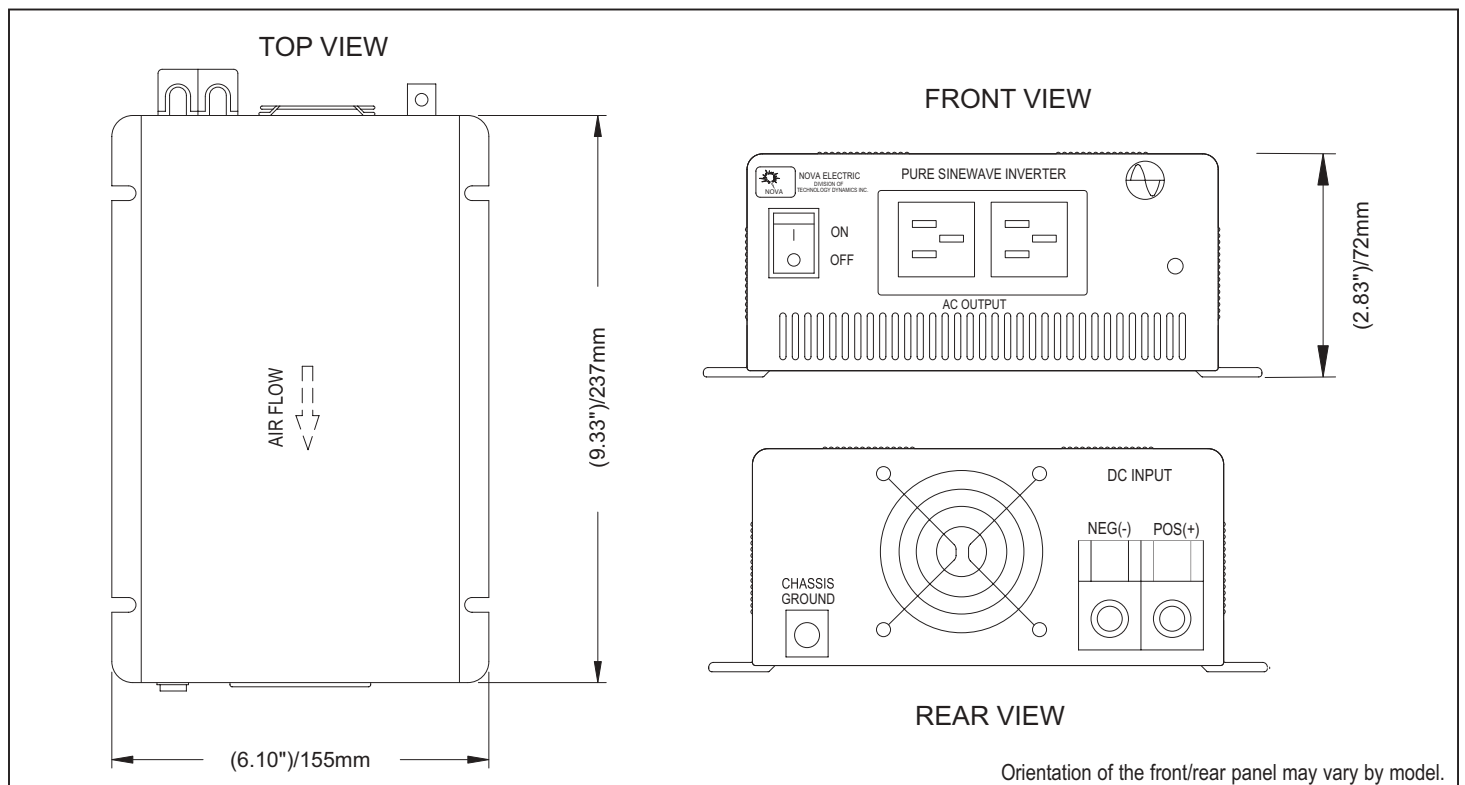
**THE LEADER
IN AC POWER**

ELECTRICAL SPECIFICATIONS (1)

PARAMETER	12V MODEL	24V MODEL	48V MODEL
INPUT VOLTAGE RANGE	10.7 - 15 VDC	21.5 - 32 VDC	42 - 56 VDC
OUTPUT VOLTAGE 110V MODELS	110/120 VAC	110/120 VAC	110/120 VAC
OUTPUT VOLTAGE 230V MODELS	230/240 VAC	230/240 VAC	230/240 VAC
OUTPUT FREQUENCY ALL UNITS	50 OR 60 HZ Factory Selectable +/- 0.05% Accuracy		
POWER RATING CONTINUOUS	300W / 350VA		
SURGE RATING	400W / 480VA		
PEAK OUTPUT CURRENT	3.3A @ 120V Models		1.66A @ 240V
EFFICIENCY FULL LOAD	75 - 82% At Full Load		
NO LOAD CURRENT	0.25 MAX		
OUTPUT WAVEFORM	Sinewave < 5% THD		
OUTPUT REGULATION	+/- 5% All Models		
PROTECTION	Overload, Short Circuit, Reverse Polarity (Fuse), O..T, Over/Under Input Voltage, Fan Failure		
REMOTE CONTROL	Standard all models. See manual		
AMBIENT TEMPERATURE	Operating : 0 to 40°C		Storage : -40°C to +70°C
SIZE & WEIGHT (LxWxH)	237 x 55 x 72 mm (9.33" x 6.10" x 2.83")		3.5 KG (7.7LB)
INDICATOR	INPUT, OUTPUT, FAILURE		

NOTE: (1) Visit our website for additional information.
 Specifications subject to change without notice.

MECHANICAL SPECIFICATIONS



NOVA ELECTRIC *division of* TECHNOLOGY DYNAMICS INC.

100 SCHOOL STREET, BERGENFIELD, N.J. 07621, USA
 TEL (201) 385-0500 FAX (201) 385-0702

WEBSITE: www.novaelectric.com EMAIL: novasales@theallpower.com

