

PHOENIX

Phase Converters

GP50NL

**Single Phase 230 Volts to Three
Phase 230 Volts**



DATASHEET

Power Supply		Three Phase Electrical Specs		Loads Examples	
INPUT VOLTAGE	208-250V	VOLTAGE OUTPUT	208-250V	CNC Machine Spindle HP	25 HP
UTILITY SERVICE MIN.	50 KVA / 200 AMPS	MAX INDUCTIVE AMPS	130	Compressor Motor HP	20 HP
MOTOR LOAD TYPE BREAKER	80 to 200 AMP	MAX RESISTIVE AMPS	75	Total Combined HP of motors	50 HP
SINGLE PHASE WIRE SIZE	2/0 COPPER to 50 feet	IDLER MOTOR WIRE SIZE	2/0	Manual Lathe	25 HP
Dimensions and Weight Electrical Panel		Dimensions and Weight Idler / Generator Motor		IDLER MOTOR	PANEL ENCLOSURE
Weight 105 LBS	Dimensions 20 x 20 x 8	Weight 600.8 LBS	Dimensions 15 x15 x 24	TEFC Cast Iron	Nema 4 Indoor / Outdoor

Standard Features

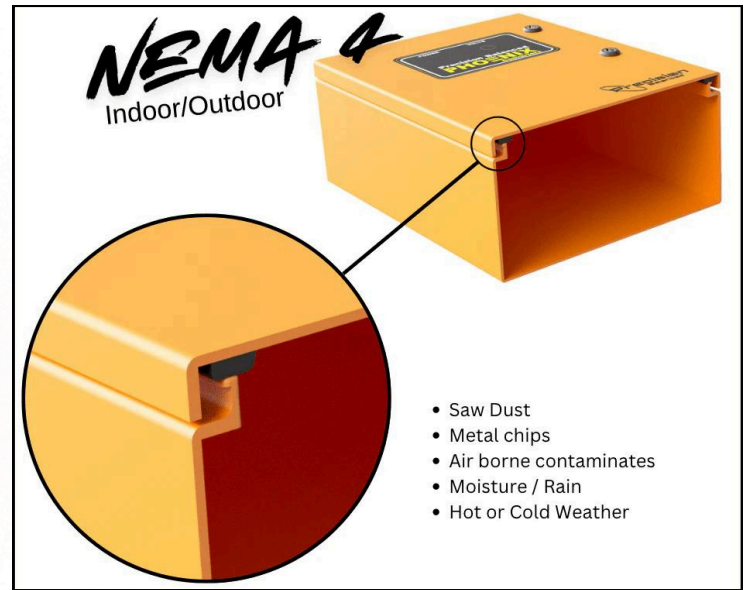
- Auto-restart from blackouts or power loss
- Voltage Monitor Display
- TEFC (Totally Enclosed Fan Cooled) Generator
- Heavy-duty cast iron generator frame
- NEMA 4 enclosure, heavy hinged door, with Lock-Out locks and keys.
- Powder coated for rust protection.
- Precision Balanced Voltage

Optional Features

- 208 or 460 Volts Output (includes transformer)
- PL Model Start and Stop Button with Built-in Mag starter
- AutoStart and Stop with Load Detection
- Digital GPX (wifi, cloud controls, timer, energy monitor)
- Wireless Remote ON/OFF
- AutoLink built in Load Starter and Protection or add another converter
- EX Model, Include pre-install expansion to increase the size of your phase converter

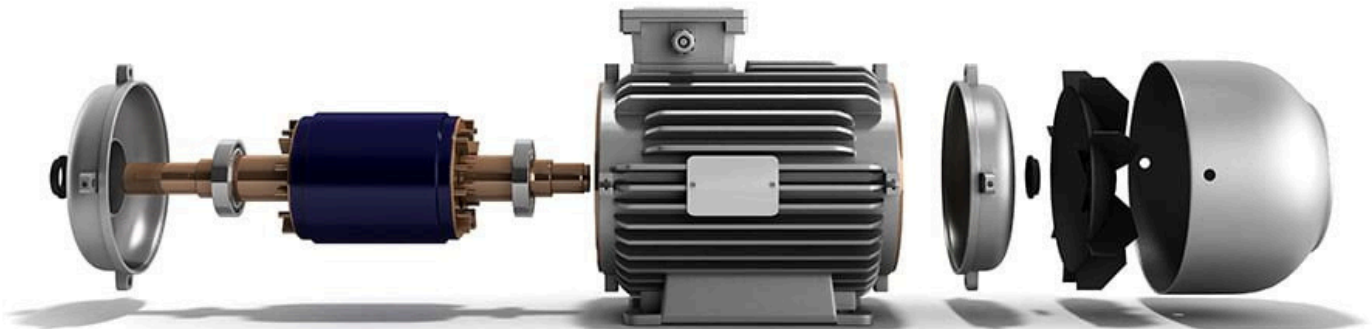
Control Panel

At Phoenix Phase Converters we use the best components that last a lifetime. The 50 HP rotary phase converter is sealed from any outside environment and is made to be used in a metal shop, woodshop, and outdoors. In addition, the phase converter is designed to be utilized in cold or hot weather. An intuitive standard voltage meter display to monitor your generated phase. The rotary phase converter is engineered with a NEMA 4 enclosure to ensure it is durable in a variety of commercial environments.



Generator/Idler

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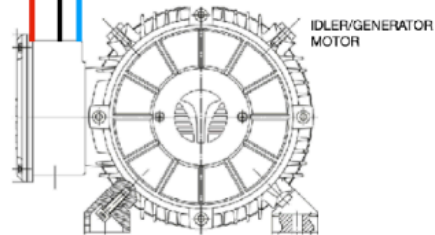
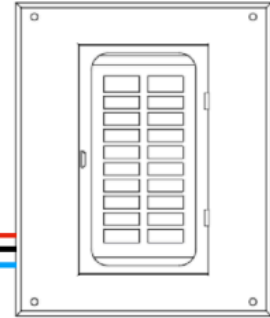
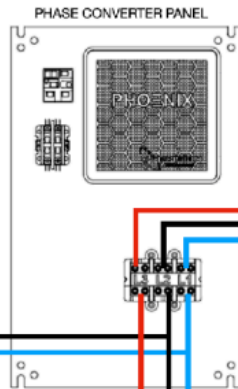
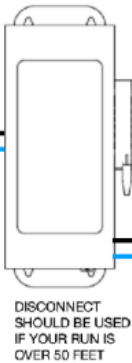
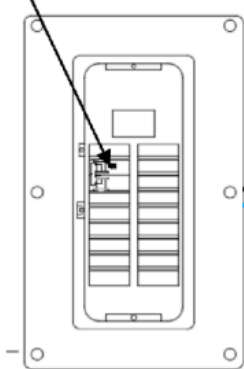


Wiring Diagram

NL AND NH MODELS

MUST BE INSTALLED BY A INDUSTRIAL LICENSED ELECTRICIAN

Motor Load Breaker should be size
Twice the full load amps of your
equipment



230V Connection for NL and PL Models (low voltage)
460V Connection for NH and PH Models (high voltage)

