# Rotary Phase Converter

Our quality in building a phase converter panel is nothing like you can find on the market today. We take pride in building the best phase converters you can buy delivering 100% precision balanced power.

- Voltage Precision Balanced with Volt Meter Display
- Soft Starting
- Overload Protection
- Totally-Enclosed and Fan-Cooled
- Digitally Protected
- Custom Corrosion Resistant
- Cast Iron Generator

## Phase Converter Panel

Not a single phase converter leaves our facility, unless it is absolutely perfect! No crossed wires, secure tied downs, all hand built and passing a four level inspection process before it is packaged and shipped.

- Heavy Gauge Copper Wires
- Resistant to Heat and Moisture
- Custom Steel/Powdered Coated Enclosure also available in NEMA 3R Outdoor Design
- Oiled Filled Capacitors
- Zinc-plated Power Distribution Block
- Built-in Magnetic Starter and Start/Stop Station
- Voltage Meter Display
- Power Failure and Overload Protection
- Power Factor Correction

## Generator/Idler Motor

Totally enclosed and fan cooled, our generators are made to perform in a wide range of environments designed to keep out dust, wood, metal, rodents, insects, and extreme weather conditions.

- Cast Iron Frame
- Over Sized Bearings
- Corrosion Resistant Hardware
- Cast Iron Inner & Outer Bearing Retainers
- Stainless Steel Connection Plate
- Vacuum Impregnated Windings
- Cast Iron Conduit Box
- 4140 Steel Shaft Rotor

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### General Specifications

- Horsepower: 3 hp
- Kilo-watt (kw): 2.2
- Frequency (Hz): 50/60
- Generator Enclosure: TEFC
- Generator Frame: 182T

### Single Phase Electrical Specs

- Voltage Input: 420-480
- Min. Fuse Size: 5
- Min. Circuit Breaker: 5
- Max. Fuse Size: 12.5
- Max Circuit Breaker: 12.5
- Minimum Size Service: 5 KVA
- Minimum Wire Size: 10 AWG

### Three Phase Electrical Specs

- Voltage Output: 420-480
- Output Amperage: 5.5
- Voltage Balance: 2-5%
- Minimum Wire to Generator: 12 AWG
- Minimum Wire to Load: based on load
- Max Resistive Amps: 2.5

### Dimensions and weights

- Generator: 79 lbs
- Generator Dimensions: 16x9.7x9.3
- Panel Weight: 12 lbs
- Panel Dimensions (LxWxD) inches: 14x12.1x6.05
- Panel Color: Blue-Grey

### Options:

- Push Button Start
- Nema 3R Panel
- Voltmeter Display
- Digitally Protected

### Standard:

- CNC Precision Balanced Voltage
- Totally Enclosed Fan Cooled Generator
- Cast Iron
- Integrated Soft Starting
- VFI Windings and Inverter Rated
- 24/7 Customer Support Sales and Support 800 417 8568

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### 3 HP Rotary Phase Converter Precision Balanced Voltage Single to Three Phase Converter

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### Panel Dimensions

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### Generator Dimensions

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