

TEMCo

Tower Electric Motor Company

The most trusted name in phase converters

Rotary Phase Converter

Model size:

TEMCo Heavy Duty Rotary Phase Converters provide utility quality 3-phase power converted from single phase power. TEMCo's world class products are being used throughout the US and internationally every day.

Common single to 3-phase conversion uses include:

- Machine Shops
- Woodworking
- Farm Equipment
- Restaurant Equipment
- Petrochemicals
- Home Hobbyist
- Oil Fields
- Irrigation
- High Tech
- Military
- Aerospace Industry
- Hospitals

TEMCo products meet the demands of tough industrial applications with dependability and quality.

Why choose TEMCo for your single to three phase needs?

- **Run 3-phase equipment on single phase with a TEMCo Phase Converter.**
- **Rotary Higher quality lasts longer.**
With minimal maintenance, requiring only periodic bearing grease, life expectancy is Indefinite.
- **TEMCo is a company you can trust.**
TEMCo is a member of the Better Business Bureau.
- **Quiet & smooth operation**
TEMCo's Phase Converters are known for their unusually cool, smooth and quiet running characteristics.
- **Every TEMCo Phase Converter carries a 6-Year Warranty.**
In fact, it's the longest warranty available, unparalleled industry wide.
- **Proudly Made in the U.S.A.**

Table no. 1

Series 6500 Model Sizes

1-phase input voltage	208-240V or 440-480V *
1-phase input frequency	60 Hz
3-phase output voltage	= 1 phase Volts + 10% on L3 (non Loaded)
3-phase output frequency	60 Hz
3-phase output voltage tolerance	±10%
3-phase output phase angle	120°
Rating	40C amb.-cont.
Ambient humidity	<95% (non-condensing)
Maximum altitude	3300 ft above sea level (see note 2)
Enclosure	Type 1



* The default factory voltage configuration in this model is 208-240V. Units to be operated on 440-480V are built to order.

Note 1: Use only non time-delay fuses to protect this TEMCo Phase Converter

Note 2: De-rate TEMCo Phase Converter 20% for installation above 3300 feet altitude.

Table no. 2

Model

	230V	460V
Maximum Medium run or start HP		
Maximum Hard run or start HP		
Maximum recommended group load HP		
Continuous 3-phase output amps		
Peak 3-phase output amps		
Peak kW output		
Peak 1-phase amps required		
Approximate 1-phase idle amps		
1-phase breaker recommended		
1-phase fuse recommended		
Recommended 1-phase wire size		
Recommended 3-phase wire size		

Call to order

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