

# S6000-165KW

## Rotary Phase Converter Data Sheet



**TEMCo** Heavy Duty Rotary Phase Converters provide utility quality three phase power from a single phase power supply. TEMCo's world class products are being used throughout the United States and internationally.

### Common Phase Converter Uses:

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



### Phase Converter Features:

**6yr** Full 6 Year Warranty

**HEAVY DUTY** Rugged Heavy Duty Rotary Design



100% Copper Windings  
(Energy Efficient, Environmentally Friendly)

100% American Made



208-240v Operation  
(Factory Reconfigurable 440-480v)



Quiet Operation, 63db @ 10ft  
(No Louder Than Human Conversation)

### Specifications:

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 Balance	± 10%	
3-Phase Output Phase Angle	120°	
Temperature Rating	40° C Ambient Continuous	
Ambient Humidity	<95% (Non-Condensing)	
Maximum Altitude	3,300 ft. Above Sea Level (De-rate 20% if above 3,300 ft.)	
Enclosure	NEMA 1 (Indoor)	
	<b>230v</b>	<b>460v</b>
Maximum <b>Medium</b> Run or Start HP	112 HP	112 HP
Maximum <b>Hard</b> Run or Start HP	75 HP	75 HP
Maximum Group Load HP	150 HP	150 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		

*Specifications to be determined per application.*

TEMCo – Tower Electric Motor Co.  
41474 Christy St. Fremont, CA 94538

Inside USA (800) 613-2290 International (510) 490-2187  
www.temcophaseconverter.com Fax (510) 490-1507