

S6000-87KW

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)	
	230v	460v
Maximum Medium Run or Start HP	60 HP	60 HP
Maximum Hard Run or Start HP	40 HP	40 HP
Maximum Group Load HP	80 HP	80 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.

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