

# Phase Quest Converters Co.

Generating True 3-Phase Power

## General Specifications

<b>Horsepower (HP)</b>	50
<b>Kilowatts (KW)</b>	37.3
<b>Voltage Range (Volts)</b>	208-250
<b>Type</b>	General Purpose
<b>Approx. ship weight (LB)</b>	
Total	659
Panel	49
Idler	610
<b>Dimensions (inches)</b>	
Total (LxWxH)	31x24x32
Panel (LxWxH)	24x24x8
Idler (Diameter x Length)	15.75x27.5
<b>Shipping Class</b>	65
<b>Idler Frame Size</b>	326T
<b>Idler Type</b>	ODP
<b>Enclosure</b>	NEMA 1
(upgradeable)	
<b>Enclosure Color</b>	ANSI 91 gray
<b>Audible noise 5 Ft (db)</b>	68
<b>Start switch (volts)</b>	240
<b>Start Switch (amps)</b>	2
<b>Starting time (sec)</b>	<1
<b>Panel mounting</b>	wall
<b>Idler mounting</b>	NEMA 326T
<b>Designation</b>	CSA approved

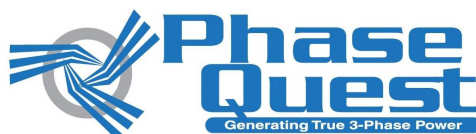
## 3-Phase Specifications

<b>Output Volts (T1 &amp; T2)</b>	Input volts +/-
<b>Phase Shift</b>	0.5%
<b>AC frequency (hertz)</b>	120°
<b>Rotor RPM</b>	=input (50 or 60)
	1800
<b>Output Currents (amps)</b>	
Maximum	
Continuous	130
5% voltage balance	95
10% voltage balance	76
Starting	101
<b>Wire Sizing (amps)</b>	0
Panel Idler (gauge)	0
Panel to load (gauge)	0

## 1-Phase Specifications

<b>Input Volts (L1 &amp; L2)</b>	208-250 volts
<b>AC frequency (hertz)</b>	50 or 60
<b>Minimum circuit (amps)</b>	75
<b>Maximum circuit (amps)</b>	250
<b>Approx. Idler Power (kw)</b>	4.14
<b>\$ to run (\$0.10/kWhr)</b>	\$.414
<b>Wire Sizing (amps)</b>	
Source to panel (gauge)	250 gauge

Model OMPQ-50



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