

Phase Quest Converters Co.

Generating True 3-Phase Power

General Specifications

Horsepower (HP)	20
Kilowatts (KW)	14.9
Voltage Range (Volts)	208-250
Type	All Purpose
Approx. ship weight (LB)	
Total	258
Panel	24
Idler	234

Dimensions (inches)

Total (LxWxH)	31x24x30
Panel (LxWxH)	12x16x6
Idler (Diameter x Length)	13x21.25

Shipping Class

65

Idler Frame Size

256T

Idler Type

ODP

Enclosure

NEMA 1

(upgradeable)

Enclosure Color

ANSI 91 gray

Audible noise 5 Ft (db)

Call

Start switch (volts)

240

Start Switch (amps)

2

Starting time (sec)

<1

Panel mounting

wall

Idler mounting

NEMA 256T

3-Phase Specifications

Output Volts (T1 & T2)	Input volts +/- 0.5%
Phase Shift	120°
AC frequency (hertz)	=input (50 or 60)
Rotor RPM	1800

Output Currents (amps)

Maximum	53
Continuous	40
5% voltage balance	32
10% voltage balance	42

Starting

Wire Sizing (amps)

Panel Idler (gauge)	#4
Panel to load (gauge)	#4

1-Phase Specifications

Input Volts (L1 & L2)	208-250 volts
AC frequency (hertz)	50 or 60
Minimum circuit (amps)	30
Maximum circuit (amps)	100

Approx. Idler Power (kw)

172

\$ to run (\$0.10/kWhr)

\$.172

Wire Sizing (amps)

Source to panel (gauge)	2 gauge
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Model OMPQ-20



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