

Phase Quest Converters Co.

Generating True 3-Phase Power

General Specifications

Horsepower (HP)	30
Kilowatts (KW)	22.4
Voltage Range (Volts)	208-250
Type	Heavy Duty
Approx. ship weight (LB)	
Total	380
Panel	40
Idler	340

Dimensions (inches)

Total (LxWxH)	31x24x32
Panel (LxWxH)	18x18x6
Idler (Diameter x Length)	15.75x24.5

Shipping Class

65

Idler Frame Size

286T

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 286T

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	80
Continuous	74
5% voltage balance	59
10% voltage balance	79

Starting

Wire Sizing (amps)

Panel Idler (gauge)	#4
Panel to load (gauge)	#2

1-Phase Specifications

Input Volts (L1 & L2)	208-250 volts
AC frequency (hertz)	50 or 60
Minimum circuit (amps)	60
Maximum circuit (amps)	200

Approx. Idler Power (kw)

3.31

\$ to run (\$0.10/kWhr)

\$.331

Wire Sizing (amps)

Source to panel (gauge) 00 00 gauge

Model OMPQ-30



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