

Data Sheet: Model OMPQ-50

General Specifications

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

Model OMPQ-50 w/
built-in starter

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	130
Continuous	95
5% voltage balance	76
10% voltage balance	101
Starting	
Wire Sizing (amps)	
Panel Idler (gauge)	1/0
Panel to load (gauge)	1/0

1-Phase Specifications

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

Generating True 3-Phase Power