



75 HP ROTARY PHASE CONVERTER

POWER, REDEFINED.

Industrial three-phase capability from the single-phase service already in your building - sized for 75 HP of running capacity.

DESIGNED AND BUILT IN PHOENIX, ARIZONA

INDUSTRIAL GRADE IS OUR STANDARD

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THE GP75 PLATFORM

THREE-PHASE POWER. WITHOUT THE UTILITY WAIT.

The GP75 converts 230 V single-phase service into balanced 230 V three-phase power for shops, farms, and industrial equipment with up to 75 HP of combined running load.



BUILT FOR THE REAL LOAD

75 HP RUNNING
40 HP STARTING

TEFC cast-iron idler. NEMA 4 sealed controls. Factory wiring, lifetime limited warranty, and direct sizing support.

230 V

SINGLE-PHASE INPUT

230 V

THREE-PHASE OUTPUT

100 KVA (227.3A)

PUBLISHED SERVICE

75 MIN - 175 MAX

BREAKER RANGE

WEATHER-READY

NEMA 4 / IP65-class enclosure

CONTINUOUS DUTY

TEFC industrial idler motor

PRECISION BALANCED

Voltage tuned for real equipment

DIRECT SUPPORT

Sizing and installation guidance

ONE PLATFORM. EIGHT PURPOSE-BUILT OPTIONS.

CHOOSE HOW YOUR GP75 BEHAVES.

Select the control and voltage package that matches the equipment, workflow, and service available at the site.



GP75NL

AUTO RESTART

Returns the converter to ready operation after power is restored.



GP75PL

MONITORED STARTER

Voltage monitor, magnetic starter, and Start / Stop controls.



GP75NLA

AUTOLINK CONNECTION

Automated connections for transformers, compressors, and equipment.



GP75NLA+

PARALLEL EXPANSION

Add another converter in parallel to expand capacity.



GP75NLTA

AUTOMATED PACKAGE

Converter and transformer package with AutoLink automation.



GP75NLT

230 V TO 460 V

Factory-matched 45 kVA transformer package.



GP75DZ

DUALZONE

Two equal generators for staged starting and expanded running capacity.



GP75AS

AUTOSTART + AUTOOFF

Runs only when connected equipment calls for power.

GP75 ELECTRICAL + EQUIPMENT DATA

DIMENSIONS YOU CAN PLAN AROUND.

Published catalog values shown. Final ordered Phoenix production outline controls installation details.

NEMA 4 CONTROL PANEL

20 in x 20 in x 8 in



120 lb | wall mount

75 HP TEFC IDLER

17 in x 17 in x 28 in



TEFC | 873 lb

45 kVA TRANSFORMER

230 V to 460 V package



optional package | outline controls

GENERAL + CONSTRUCTION

RATED OUTPUT	75 HP
MOTOR OUTPUT	56.0 kW
FREQUENCY	50 / 60 Hz
MOTOR ENCLOSURE	TEFC
MOTOR FRAME	TEFC
IDLER SIZE	17 in x 17 in x 28 in
IDLER WEIGHT	873 lb
PANEL ENCLOSURE	NEMA 4 / IP65
PANEL SIZE	20 in x 20 in x 8 in
PANEL WEIGHT	120 lb
MOUNTING	wall
WARRANTY	lifetime limited

SINGLE-PHASE INPUT

VOLTAGE INPUT	230 V, 1-phase
SERVICE	100 KVA (227.3A)
BREAKER RANGE	75 MIN - 175 MAX
COPPER CONDUCTOR	2/0 AWG (under 50 ft)
IDLER CONDUCTOR	1 AWG
MAX STARTING LOAD	40 HP
RUNNING LOAD	75 HP
DISTANCE BASIS	under 50 ft
FINAL PROTECTION	order drawing
INSTALLATION	electrician / AHJ
GROUNDING	NEC / local code
TERMINALS	production drawing

THREE-PHASE + PACKAGES

BASE OUTPUT	230 V, 3-phase
RUNNING CAPACITY	75 HP
STARTING CAPACITY	40 HP
NL CONTROL	Auto Restart
PL CONTROL	monitor + mag starter
NLA CONTROL	AutoLink
NLA+ CONTROL	parallel expansion
AS CONTROL	AutoStart + AutoOff
NLT OUTPUT	460 V, 3-phase
TRANSFORMER	45 kVA
VOLTAGE BALANCE	load tuned
FINAL RATINGS	order drawing

ENGINEERING RELEASE NOTE

Conductor size, overcurrent protection, mounting holes, clearances, terminals, transformer orientation, and enclosure dimensions must be confirmed from the final Phoenix production drawing and reviewed by the installing electrician for the locally adopted NEC and AHJ requirements.

800-417-6568

UL Listed panels are optional on all models.