



10 HP ROTARY PHASE CONVERTER

POWER, REDEFINED.

Industrial three-phase capability from the single-phase service already in your building.

DESIGNED AND BUILT IN PHOENIX, ARIZONA

INDUSTRIAL GRADE IS OUR STANDARD

[EXPLORE THE SERIES](#)

THE POWER YOUR EQUIPMENT WAS BUILT TO USE.

The GP10 gives workshops, farms, and production facilities a practical path to clean generated three-phase power — without waiting for a utility upgrade.

THE GP10 PROMISE

MORE CAPABILITY. LESS COMPLEXITY.

A pre-wired control platform, a continuous-duty TEFC idler, and real sizing support from people who know the hardware.



10 HP

SIMULTANEOUS RUNNING
CAPACITY

5 HP

LARGEST BASE STARTING
MOTOR*

230 V

SINGLE-PHASE INPUT

NEMA 4

SEALED ENCLOSURE CLASS

DESIGNED FOR THE WORK THAT PAYS THE BILLS

01

CNC & machine tools

stable generated three-phase

02

Pumps & HVAC

continuous motor loads

03

Woodworking

multiple shop machines

04

Fabrication

welding and metalworking

BUILT TO BE OWNED, NOT BABIED.

TEFC cast-iron motor • sealed control enclosure • lifetime limited panel warranty • lifetime technical support

ONE PLATFORM. EIGHT PURPOSE-BUILT OPTIONS.

CHOOSE HOW YOUR GP10 BEHAVES.

Each option pairs the GP10 power platform with a distinct control or voltage package. Actual Phoenix product images make the differences easy to recognize.



GP10NL

AUTO RESTART

Automatically restarts so the converter is ready to return to work.



GP10PL

MONITORED STARTER

Voltage monitor, built-in magnetic starter, and Start / Stop controls.



GP10NLA

AUTOLINK CONNECTION

For transformers, compressors, and automated equipment connections.



GP10NLA+

PARALLEL EXPANSION

Increase converter capacity by connecting another converter in parallel.



GP10NLTA

AUTOMATED 230 V PACKAGE

Phase converter and transformer package: 230 V input and 230 V output with AutoLink.



GP10NLTA

230 V TO 460 V PACKAGE

Phase converter and transformer package: 230 V input to 460 V output.



GP10DZ

DUALZONE

Twice-efficient starting to maximize the available single-phase service.



GP10AS

AUTOSTART + AUTOOFF

Runs only when you turn the connected equipment on; shuts off automatically.

Images shown are existing Phoenix product renders from the current website catalog.

GP10 ELECTRICAL + EQUIPMENT DATA

DIMENSIONS YOU CAN PLAN AROUND.

GP10 base converter with 10 HP idler and optional 6 kVA transformer. Final ordered production outline controls.

NEMA 4 CONTROL PANEL

20 H x 12 W x 8 D in



12 W

26 lb | wall mount

10 HP TEFC IDLER

16 L x 10 W x 10 H in



10 W

215T | 181.9 lb

6 kVA TRANSFORMER

12 H x 11 W x 5.5 D in



11 W

reference enclosure | ~78 lb

GENERAL + CONSTRUCTION

RATED OUTPUT	10 HP / 7.5 kW
CONVERTER KVA	13.01 kVA
FREQUENCY	50 / 60 Hz
MOTOR ENCLOSURE	TEFC
MOTOR FRAME	215T
IDLER WEIGHT	181.9 lb
PANEL ENCLOSURE	NEMA 4 / IP65
PANEL CERTIFICATION	UL 508A / CSA / TUV / CE
PANEL COLOR	light gray
PANEL SIZE	20 x 12 x 8 in
PANEL WEIGHT	26 lb
PANEL MOUNTING	wall

SINGLE-PHASE + PACKAGE

VOLTAGE INPUT	208-250 V, 1-phase
SERVICE SIZE	15 kVA minimum
SERVICE CURRENT	62 A minimum
COPPER CONDUCTOR	6 AWG minimum*
INPUT PROTECTION	20-40 A published*
TRANSFORMER	6 kVA, 3-phase
PACKAGE INPUT	230 V, 1-phase
NLT OUTPUT	460 V, 3-phase
XFMR REFERENCE SIZE	11 x 12 x 5.5 in
XFMR REFERENCE WT.	~78 lb
XFMR FREQUENCY	60 Hz
XFMR ENCLOSURE	ordered package controls

THREE-PHASE OUTPUT + LOAD

BASE VOLTAGE OUTPUT	208-230 V Delta
INDUCTIVE LOAD	28 A maximum
RESISTIVE LOAD	14 A maximum
VOLTAGE BALANCE	+/- 2% published
IDLER CONDUCTOR	10 AWG minimum*
SPINDLE MOTOR START	5 HP maximum
COMPRESSOR START	4 HP maximum
COMBINED LOAD	10 HP running
STANDARD CONTROL	Auto Restart
PL CONTROL	monitor + mag starter
NLA CONTROL	AutoLink automation
AS CONTROL	AutoStart + AutoOff

AVAILABLE CONTROL + VOLTAGE OPTIONS

Auto Restart | voltage monitor | built-in magnetic starter with Start / Stop | AutoLink | parallel expansion | automated converter + transformer packages | 230 V or 460 V three-phase output | wireless remote on/off

*Planning data only. 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.

UL Listed panels are optional on all models.

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