



PHASE CONVERTING | 230 V & 460 V | AuxPower™
NEMA 3R OUTDOOR ENCLOSURE | 5-100 HP

SDX GENERAL PURPOSE CONFIGURED PANEL



Economical



Simple
Constant
Pressure Setup



AuxPower™
Pivot & Pump



Easy Setup
Wizards

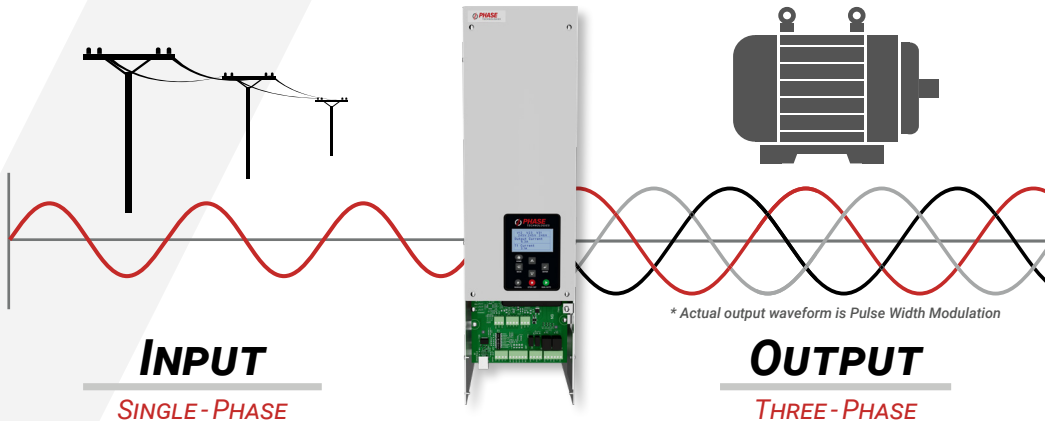


508A
Panel Shop

Phase Conversion

Single-Phase to Three-Phase

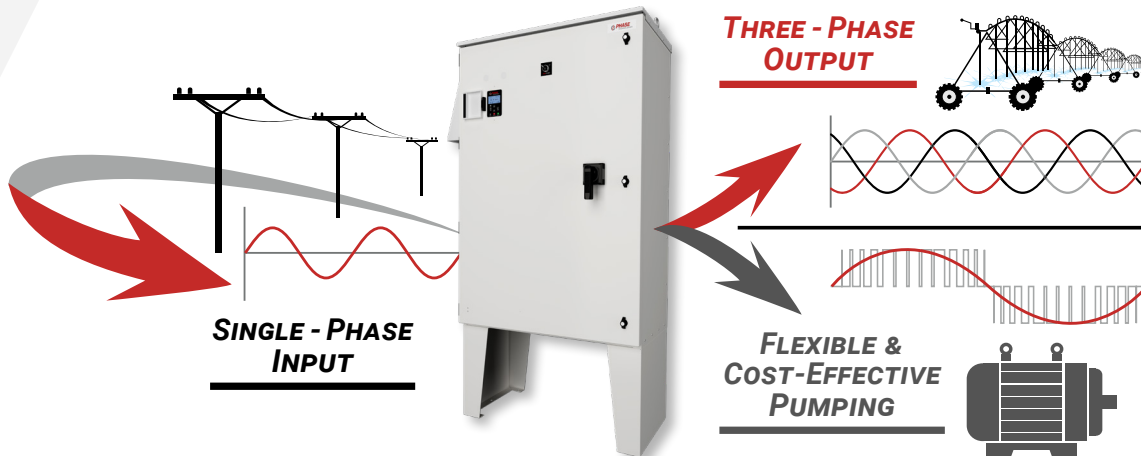
Convert single-phase power to three-phase power while maintaining across the line voltage with advanced motor control capabilities.



AUXPOWER™ Options

Power Your Pivot & Pump With A Single System

Phase Technologies has designed a cutting-edge VFD specifically for center pivot irrigation applications. This variable frequency drive (VFD) provides full-featured speed control of the main pump and the optionally integrated AuxPower™ independently performs phase conversion and powers the pivot and its control system.



SDX

GENERAL PURPOSE

CONFIGURED PANEL

Features

AuxPower

Compared to a rotary phase converter, AuxPower™ can save hundreds of dollars per year in standby power consumption. The standby power usage of the modern solid state phase conversion technology in an AuxPower™ system is in the same ballpark as an incandescent light bulb, whereas many rotary phase converters can use more energy at idle than your household oven.

Economical

The SDX is a perfect solution for smaller AuxPower applications with no need for harmonic compliance. With less internal components and no active front end technology, this panel is a simple solution to industrial VFD needs. Take advantage of the easy serviceability and straightforward installation of your configured panel.

Smaller Footprint

With less complexity and internal components, Phase Technologies was able to shrink the overall footprint of our general purpose, NEMA 3R AuxPower panels significantly. Enjoy all the benefits of industrial three-phase power and AuxPower capabilities without the large footprint of other panels.

Product Specifications

	Model / Part Number	HP	Rated Current (Input)	Rated Current (Output)	Enclosure
230 V	SDX005	5	18 A	18 A	ENC2
	SDX007	7.5	24 A	24 A	ENC2
	SDX010	10	31 A	31 A	ENC2
	SDX015	15	46 A	46 A	ENC2
460 V	SDX405	5	9 A	9 A	ENC2
	SDX407	7.5	13 A	13 A	ENC2
	SDX410	10	18 A	18 A	ENC2
	SDX415	15	25 A	25 A	ENC2
	SDX420	20	31 A	31 A	ENC2
	SDX425	25	38 A	38 A	ENC2
	SDX430	30	46 A	46 A	ENC2
	SDX450	50	77 A	77 A	ENC5
	SDX460	60	91 A	91 A	ENC5
	SDX475	75	107 A	107 A	ENC5
	SDX4100	100	142 A	142 A	ENC5

Configured Panel Sizes

Enclosure w/Leg Kit Dimensions
(Height" x Width" x Depth")

ENC2
56" x 20" x 20"



ENC3
66" x 20" x 20"



ENC4A
68" x 35" x 22"



ENC5
82" x 45" x 24"



ENC6
88" x 67" x 25"



ENC7A
88" x 87" x 29"



Panel Shop Options

- ▶ **AuxPower™**
- ▶ **MCCB** - Service Rated
- ▶ **Motor Protection**
 - Input/Line Reactor
 - Output/Load Reactor
 - dV/dt Output Filter
 - Sine Wave Output Filter
- ▶ **Power Supply**
- ▶ **HOA & Speed Pot**
- ▶ **Run & Fault Light**
- ▶ **Surge Protection**
 - Protec
 - Strikesorb
- ▶ **Leg Kit**

