

INTUITIVELY ENGINEERED



PHASE PERFECT®

DIGITAL PHASE CONVERTERS



PHASE CONVERTING | 230 V & 460 V | VOLTAGE DOUBLING
ENCLOSURE OPTIONS: NEMA 1 (INDOOR), NEMA 3R (OUTDOOR) | 2 - 175+ HP

PhaseTechnologies.com



PT

PHASE PERFECT

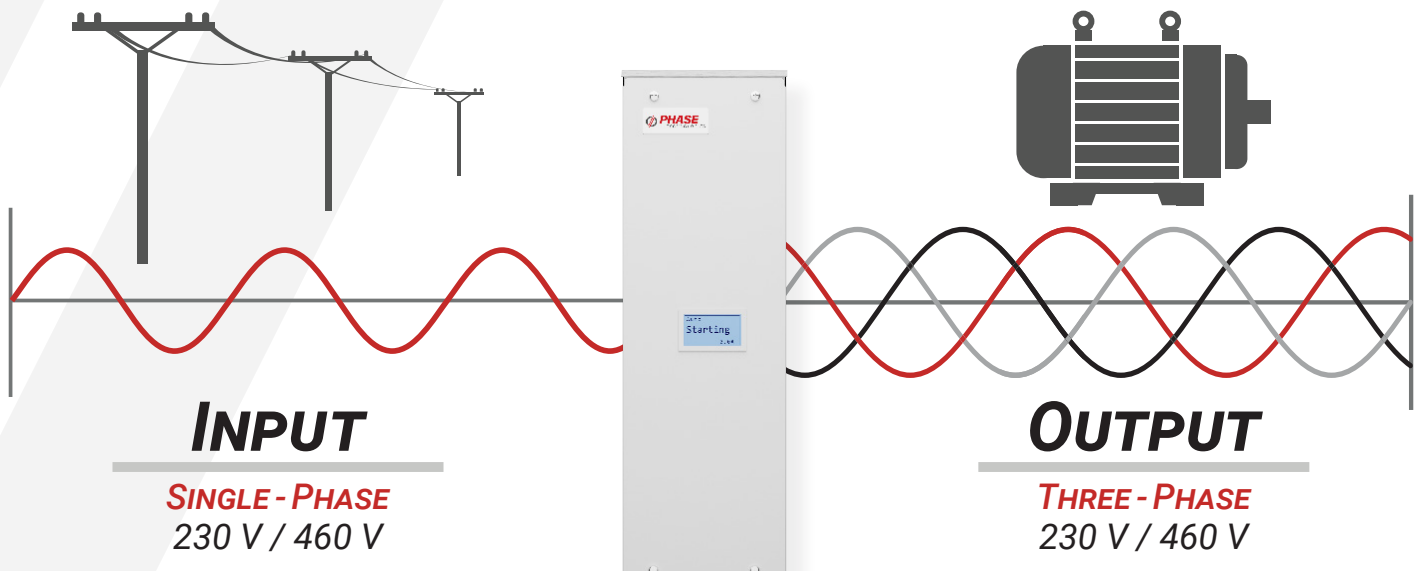
DIGITAL PHASE CONVERTERS

Three-phase power from a single-phase source. Phase Technologies has developed digital phase converters with twice the starting capability of other phase converters with 98.7% efficiency and 2% voltage balance.



UTILITY GRADE THREE-PHASE OUTPUT

Phase Perfect turns single-phase power into true three-phase power.





PHASE PERFECT VS. ROTARY

Stop wasting money on lost power and burned-out motors. We beat the competition in design, footprint, efficiency, power balance, standby losses and most importantly, **WE SAVE YOU MONEY.**

\$2,793.19

PROJECTED ANNUAL SAVINGS



PHASE PERFECT®

DIGITAL PHASE CONVERTERS

✓	Yearly Operating Cost:	Idle Cost \$102.50
✓	Energy Usage: Standby Power	80 Watts
✓	Energy Usage: Running Efficiency	98.7%
✓	Phase Perfect®: Load Capacity	20 HP 55 Amps
✓	Maintenance:	None

Estimated Annual Savings with Phase Perfect® versus Rotary:

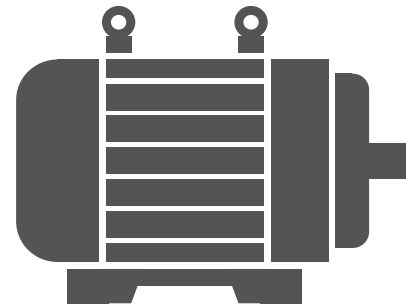


ANNUAL SAVINGS CALCULATOR

CALCULATE YOUR PROJECTED ANNUAL SAVINGS AT PHASETECHNOLOGIES.COM



* Results are based on an application with
22 hours idle/non-operating time per day, with the application
ready for operation 24/7, at an electric rate of \$0.16 per kw/hr.



Rotary

PHASE CONVERTERS

✗	Yearly Operating Cost:	\$2,895.69
✗	Energy Usage: Standby Power	2260 Watts
✗	Energy Usage: Running Efficiency	87%
✗	Equivalent Rotary: Load Capacity	40 HP 55 Amps
✗	Maintenance:	Replace Start and Run Capacitors Every 1-3 Years

FEATURES

- ▶ **Simple Installation**
Two wires in, three wires out installation
- ▶ **Voltage Balance Within 2%**
Improves equipment performance and lifespan
- ▶ **Unbeatable Starting Capacity**
Capable of starting motors up to their stated HP
- ▶ **Voltage Doubling Output**
Eliminates the need for a transformer converting 230 V to 460 V output (Available in select models)
- ▶ **Regenerative**
Stable voltage with active regeneration back to the grid
- ▶ **Intuitive Keypad**
Optional remotely mounted keypad makes operation quick and easy
- ▶ **Modbus Connectivity**
Allows information exchange with the Phase Perfect for monitoring and management
- ▶ **50 Hz Operation**
Easily enable 50 Hz operation outside of North America directly from the optional keypad



Panel Shop Options

- ▶ **MCCB Service Disconnect**
Breaker provides automatic overcurrent protection and switching
- ▶ **Branch Circuit Protection**
Manual breaker equipped with external disconnect to support easy field serviceability
- ▶ **On/Off Switch**
Allows toggling of device power without the need to remove it from the power source
- ▶ **Surge Protection**
Protect your drive from damaging input voltage spikes with a high-quality, surge protective device
- ▶ **Pad Mounting Leg Kit**
Pad mount leg kit for secure, stable installation

All configurable panel shop options include a standard door-mounted keypad.



PRODUCT BUILDER 
[PHASETECHNOLOGIES.COM/PRODUCTS](https://phasetechnologies.com/products)

