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Why buy Phase Perfect® digital phase converters from American Rotary?

• Unsurpassed precision voltage regulation of all three lines in any load condition that only a Phase Perfect digital solid state phase converter can offer.

• Access to American Rotary's 24/7 toll free technical support.

• Low \$49 flat rate discount shipping to anywhere in the lower 48 states.

• A complete selection of products to meet your industrial power requirements - phase converters, transformers, load centers, breakers, accessories, and much more.

Now you can have it all! Phase Perfect digital phase converters AND the

American Rotary :: > Phase Perfect Converters Phase Perfect Digital Converters

Phase Perfect Digital Solid-State Phase Converter
When voltage balance is critical

24/7 TECH SUPPORT
TOLL FREE 1-888-743-6832

GENTEC American Rotary's *Phase Perfect*® Digital Phase Converters provide balanced three phase output in any load condition. Phase Perfect solid state digital phase converters manufactured by Phase Technologies are perfect for equipment where voltage balance is critical even under the most demanding overload situations. Phase Perfect converters are the only phase converters on the market that offer the precise voltage regulation of all three lines with varying loads from no load to full load. Manufactured by Phase Technologies, Phase Perfect converters truly are the ultimate phase converter!



[Phase Perfect Converters: Sizes and Prices >](#)

Phase Perfect Digital Phase Converter Features:

- Precisely balanced voltage under all load conditions
- Pure sine wave output voltage with 120 degree phase separation.
- Power factor is better than 0.99
- 97% efficiency
- Phase Perfect protects itself and your equipment
- Built-in motor starter with overload option
- Remote Start Ready
- Simple to configure and install
- Input and Output filters
- Phase Perfect Converters are proudly made In USA



Rotary Phase Converters:

For applications where constant voltage balance and/or 100% of the rated hp is required.
[Learn More >](#)



Transformers:

American Rotary offers the largest online selection of transformers!
[Learn More >](#)

\$49 Flat Rate Shipping on all Phase Perfect Digital Phase Converter Sizes*

Phase Converters	Buy-It-Now Base Model	3-R Enclosure	Motor Starter	777 Motor Starter	Phase Perfect Converter Notes:
DPC-A10	\$2655	Add \$116	Add \$239	Add \$580	Prices reflect 10% off of list price.
DPC-20	\$4163	Add \$164	Add \$340	Add \$626	All sizes ship for \$49 flat rate!*
DPC-30	\$5940	Add \$194	Add \$424	Add \$652	Call 1-888-7GENTEC to order.

*Phase Perfect flat rate discount shipping to the lower 48 states

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Detailed Phase Perfect Digital Phase Converter Feature List:

Precisely balanced voltage under all load conditions:

Do you know....

exceptional products and services that American Rotary has to offer: **24/7 toll free sales and technical support, \$49 flat rate discount shipping, and a complete selection of products to meet your industrial power requirements**

American Rotary's Phase Perfect digital solid-state phase converters are the only phase converters on the market that provide precise voltage regulation of all three lines with varying loads from no load to full load.

Phase Perfect converters also offer full protection to equipment from over-voltage, under-voltage, and single phasing, which further ensures trouble-free operation of even the most voltage sensitive equipment.

Phase Perfect phase converters feature a digital closed loop feedback system controlled by a DSP or digital signal processor, which provides live time regulation of voltages. This means voltages are typically maintained to within +/- 1% of the incoming single phase line, which makes Phase Perfect phase converters up to 5 times better than the utility companies are required to maintain. [Back to top >](#)

Pure sine wave output voltage with 120 degree phase separation:

As with static and rotary phase converters, the two single phase lines pass straight through the Phase Perfect digital phase converter. These lines are unaltered and maintain a pure sinewave. The 120 degree separation of the phases is created and maintained digitally using the DSP. [Back to top >](#)

Power factor is better than 0.99:

This minimizes the current draw on the single phase line. This in turn maximizes the efficiency of the Phase Perfect digital converter and keeps power loss and waste to a minimum. [Back to top >](#)

97% efficiency:

Phase Perfect phase converters use semiconductors and an IGBT switch to minimize power loss resulting in better than 97% efficiency at any load. [Back to top >](#)

A Phase Perfect Converter protects itself and your equipment:

All models monitor the incoming current and will shut down if overloaded for more than a predetermined time period. Each model also comes with an output contactor for switching on the load after a warm-up period. This output contactor can be configured with a current overload to provide an overload motor starter for protecting the load. These features of Phase Perfect phase converters will protect the operated equipment from under-voltage, over-voltage, and single phasing. [Back to top >](#)

Built-in motor starter option:

With the addition of a current overload, the output contactor can be used as a full current motor starter. The digital phase converter can then be used as a whole as a motor starter. After the unit is turned on, there is a warm-up period, and then the motor starter is activated, which can start the load. This feature of Phase Perfect digital converters is commonly used in deep well pumps and other simple systems that require a starter. [Back to top >](#)

Remote Start:

Every digital phase converter can be configured to use a remote start. This can be particularly convenient in offsite applications. [Back to top >](#)

GENTEC American Rotary distributes the complete selection of Phase Perfect phase converters - the ultimate in phase converter technology!

Use Phase Perfect Digital Phase Converters For CNC:

Pure sine wave output voltage allows operation of even the most sensitive equipment.

Phase Perfect Digital Phase Converter Sizing Assistance:

Our experienced staff is available 24/7 to answer your questions.

Have a Question about Phase Perfect Digital Phase Converters ?



Why buy Phase Perfect® digital phase converters from American Rotary?

- Unsurpassed precision voltage regulation of all three lines in any load condition that only a Phase Perfect digital solid state phase converter can offer.
- Unlimited access to American Rotary's 24/7 toll free technical support.
- Low \$49 flat rate discount shipping to anywhere in the lower 48 states.
- A complete selection of products to meet your industrial power requirements • phase converters, transformers, load centers, breakers, accessories, and much more.

Simple to configure and install:

Each Phase Perfect digital solid state phase converter comes with a clear step-by-step installation guide only available through GENTEC American Rotary. [Back to top >](#)

Input and Output filters:

Input and output filters smooth the PWM wave form for extremely sensitive equipment. This eliminates the harmonics which cause interference with other equipment and TVs that operate on the same single phase service. Unlike a drive, the 120 degree phase shift and reduction of distortion or harmonics contribute to the near perfect power factor of 1. Additional filters are available. [Back to top >](#)

Phase Perfect Phase Converters are made In USA:

Manufactured by Phase Technologies and distributed by GENTEC LLC, American Rotary's digital solid state phase converters were designed and are manufactured in the USA. [Back to top >](#)

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American Rotary and Phase Perfect

Now you can have it all! Phase Perfect digital phase converters AND the exceptional products and services that American Rotary has to offer: **24/7 toll free sales and technical support, \$49 flat rate discount shipping, and a complete selection of products to meet your industrial power requirements**

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