

POWER YOU CAN RELY ON. ALWAYS.



EFFICIENCY, CONTROL AND OPTIMUM PERFORMANCE

Whether it's the custom magnetic components we provide to elevator OEMs, the high-performance power supplies we make for glass manufacturing applications or the power conversion systems we supply to polysilicon manufacturers in the semiconductor and solar power markets, companies around the world look to Warner Power for unrivaled quality, reliability and performance.

Warner Power delivers a new level of energy savings and control.

EXPERIENCE THE DIFFERENCE A TRUSTED PARTNER MAKES

- Rely on 50 years of experience and over 3GVA of power systems installed and in use globally
- Collaborate with us to develop your most complex systems
- Significantly shorten your product development cycle and improve time-to-market
- Optimize your product offering with our unmatched design and manufacturing capabilities
- Depend on one source for all your power conversion requirements
- Easily meet global compliance standards with our in-depth experience and support, and more

ENGINEERING CAPABILITIES

Warner Power's multidisciplinary team of highly experienced design and manufacturing engineers provides our customers with a fully integrated approach to collaboratively and cost-effectively solve complex application challenges.

DESIGN ENGINEERING


Warner Power is a technical leader in power conversion, including power systems, power supplies, inductive components, and electronic ballasts. In addition to our lengthy experience and extensive product library of more than 30,000 custom designs our engineering and R&D teams have a broad technical expertise that includes:

- Systems design, modeling, and analysis
- Magnetics design, including; dry transformers, multi-phase inductors, chokes and saturable reactors
- Power conversion, delivery and control
- Power electronics and switch mode power supplies
- SCR based rectifiers, inverters, and cycloconverters
- Mechanical engineering and industrial design
- Control theory and system dynamics
- Multi-physics modeling in various FEA tools with a focus in E/M, heat transfer and CFD
- Embedded and PLC software development

MANUFACTURING AND TEST

- All design, manufacturing and test done at our facility in Warner, NH
- Cellular manufacturing for optimum efficiency
- Customer tailored inventories and flexible scheduling for very short lead times
- 100% testing of all units shipped
- Test documentation and procedures in full conformance to all applicable specifications

QUALITY

- ISO 9001 registered/certified
- Approved under CSA Notice 604
- All products fully conforming to NFPA and NEC requirements or, if specified, fully EN compliant to support the  mark
- Testing is performed in accordance with applicable ANSI, IEEE, CSA, UL, IEC and EN standards

POWER CONVERSION PRODUCTS

Power Systems



Utilizing our comprehensive power electronics, magnetics and digital/analog control capabilities, our custom-designed power systems deliver precise power to your application. We provide a wide range of turn key power conversion solutions.

Product Types

- SCR based rectifiers and inverters
- Switch mode power supplies
- Saturable core reactor power systems
- Induction heating systems

We design and manufacture power systems with a broad range of specifications and characteristics.

Product Ranges

- Single and multi-zone outputs
- AC or DC outputs, up to 2MVA and 40,000A
- Single and three phase inputs, up to 480V
- Digital and analog control of voltage, current and power
- Touchscreen user interface
- Manual or remote operation with programmable outputs
- Multiple communication protocols
- Air or water cooled

Custom Magnetics and Transformers



We design and manufacture a broad range of magnetic components and dry type transformers. Our products are built for industrial applications and meet all applicable ANSI, IEEE, CSA, UL, IEC and EN safety and performance standards. Our manufacturing and supply chain capabilities ensure a product of the highest quality on-time, every time. We partner with your engineering and manufacturing teams to provide magnetic components and subsystems.

Product Types

- AC and DC chokes
- Saturable core reactors
- Isolation dry type transformers
- Autotransformers
- Scott-T transformers

Our magnetic components and subsystems range in specifications and characteristics.

Product Ranges

- Single and multi-phase up to 2MVA
- Single and three phase inputs, up to 13.8kV
- Stacked and wound cores
- UL listed insulation system
- Open or enclosed

Daykin



Daykin Electric, a division of Warner Power, furnishes quality electrical products to the automotive and industrial markets worldwide.

Daykin is well known for its extensive line of transformer disconnects, power supplies and transformers. Our products are designed to meet the needs of the most rugged industrial environments. We furnish electrical assemblies up to 200kA SCCR. Both NEMA 1 (IP22) and NEMA 12 (IP54) enclosures are available.

Transformer Disconnects

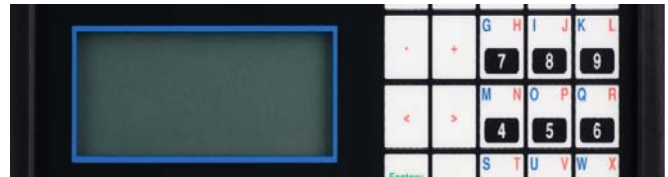
- 500VA to 7.5kVA
- Flange or rotary disconnects
- NEMA 1 (IP22) or NEMA 12 (IP54) enclosures

Transformers

- 500VA single phase to 500kVA three phase
- Enclosed epoxy encapsulated is standard for single phase through 10kVA, and three phase through 7.5kVA
- Multiple taps available



Termiflex



Termiflex is known worldwide for Standard and Custom Hand Held Terminals, and is eager to work with you with your specific requirements.

Whether you need a standard unit, semi-custom, or a custom engineered product, the Termiflex design engineering team has the proven expertise to do the job.

- Hand Held Terminals
- Panel Mount Terminals
- COTS Military Terminals
- Custom Products
- Accessories
- Termiflex Repair Center



Ballasts



Warner has been a leader in ballast technology since 1988. We produce customized AC and DC electronic ballasts, ranging from 250 to 800 watts, which are used to ignite and power high-intensity xenon, mercury and metal halide lamps. These ballasts are used in various end markets, including medical and dental devices, UV curing, architectural applications, and TV and entertainment lighting.

Xenon SafeArc®

- 75-300W, 500W ratings
- Active power factor correction
- Analog or PWM dimming



Metal Halide FlexArc®

FlexArc DC:

- 200-270W ratings
- adjustable DC output

SafeArc:

- 150-400W ratings

Warner Power provides highly engineered power conversion products and services that improve process reliability and efficiency for a broad range of industries worldwide.

MARKETS SERVED

- Plasma Processing
- Industrial Microwave and RF Rectifiers
- Elevators/People Movers/Conveyor Systems
- Electronics Manufacturing Equipment
- Thick and Thin-Film Deposition
- Motor Drives
- Industrial Furnaces
- Crystal Growing
- Glass Manufacturing
- Resistance & Induction Heating
- Power Quality
- Thermal Processing

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