

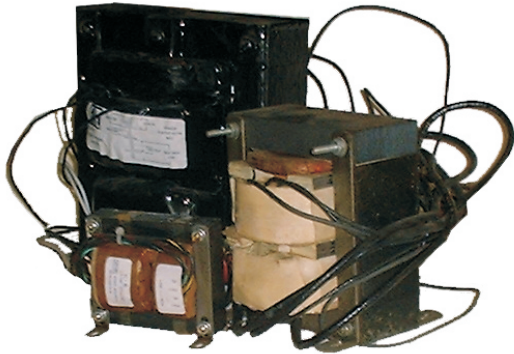


foster transformer company

The Standard of Quality Since 1937

<http://www.foster-transformer.com>

3820 colerain avenue ♦ cincinnati, oh 45223-2586 ♦ phone:(513)681-2420 ♦ fax:(513)681-2424 ♦ toll free:(800)963-9799



APPLICATIONS:

- ✓ Battery Chargers.
- ✓ High Reliability Power Supplies.
- ✓ Medical Equipment.
- ✓ Inverter & UPS Systems.
- ✓ Line Voltage Stabilizers.
- ✓ Industrial Automation & Machine Tool Control.
- ✓ *Any Application* requiring a stable output voltage combined with a high degree of isolation from line disturbances.

With over sixty years experience in the transformer industry, you can count on Foster to deliver the industry's most comprehensive constant voltage transformer (CVT) solutions.

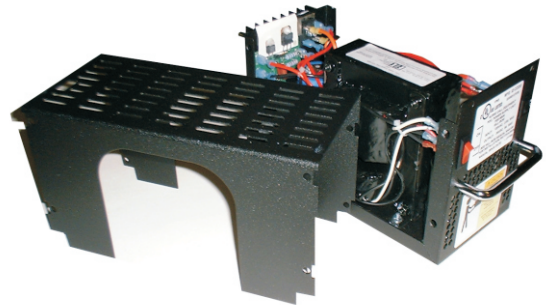
Regardless of whether your needs are as simple as a DC power supply transformer, or as complex as an online UPS transformer, Foster has the experience to tailor a solution to your specific application.

Our Engineers can assist you with all aspects of the design from concept through delivery including handling all of your safety agency certifications.

Need more than just a transformer? Foster offers value added services designed to make your life easier. Lead harnesses, custom sheet metal, sub-assemblies, or complete ready to ship power supplies and battery chargers.

Give us a call today to find out how we can help!

FERRORESONANT TRANSFORMERS:



FEATURES:

- ✓ Square Wave or Sine Wave Outputs Available.
- ✓ UL Recognized Class 130 (B) through Class 220 (R) Insulation Systems. (UL File: E50662).
- ✓ Vacuum & Pressure Impregnation with specially formulated Epoxy Resin for Low Acoustic Noise.
- ✓ 50 Hz, 60 Hz, and 50/60 Hz Models Available.
- ✓ Output Ratings from 50 VA through 5.0 kVA. Contact factory for sizes outside this range.

ADVANTAGES:

- ✓ Standard Square Wave Output requires less filtering than linear transformers for DC Applications.
- ✓ Optional Sine Wave Output provides clean (<5% THD, typical), reliable power from the dirtiest sources.
- ✓ Line Voltage Regulation $\pm 3\%$, typical, for Input variations of $\pm 15\%$.
- ✓ Low component count provides exceptional reliability under the most extreme operating conditions.
- ✓ High Efficiency. Typical operating efficiencies exceed 85%.
- ✓ Inherent Current Limiting. Transformers can be designed to operate continuously with a direct short applied across the output terminals!