Power Magnetics, Inc. is the recognized leader in design and manufacturing of the industry’s highest performance and most reliable custom transformers, AC reactors and DC inductors. Since 1968, we have built custom magnetics for our global customers, some of the largest companies in the world, which exemplifies the three pillars of our philosophy: Innovation, Engineering and Endurance. We take seriously our motto: “Built Like the Brooklyn Bridge”. Our products can be designed to meet US and international standards including UL, CE, IEC,CSA and ANSI.

CAPABILITIES
OUR ENGINEERING AND MANUFACTURING PROVIDE OUR CUSTOMERS WITH A BROAD RANGE OF PRODUCT CAPABILITIES:

- 1kVA to 4,500 kVA
- Single phase
- Three phase
- Phase changing
- 4kV to 38kV Class
- NEMA 1 and 3R enclosures
- Aluminum or Copper windings
- Air or water cooled
- Multi-tapped
- To 150kV BIL
- K Factor
- Electrostatic Shielding

TRANSFORMER TYPES

- 12 Pulse Transformers
- Auto Transformers
- Custom Transformers
- DC Isolation Transformers
- Distribution Transformers
- Drive Isolation Transformers (DIT)
- Drive Isolation Ferro-resonant Transformers
- Electrostatic Shielded Transformers
- Filament Transformers
- Globar Transformers
- Harmonic Mitigating Transformers
- High Voltage Plate Transformers
- Impedance Matching Audio Output Transformers
- Marine Grade Transformers
- Modulation Transformers
- Neutral Grounding Transformers
- Ozone Transformers
- Phase Changing Transformers
- Plate Transformers
- Rectifier (6,12,18 & 36 pulse) Transformers
- Research Transformers
- Scott Transformers (Scott-T)
- Special Transformers
- Step up and Step Down Transformers
- Tap Changing Transformers
- Zig Zag Transformers
ENCLOSURES

- NEMA 1 ventilated for indoor application.
- NEMA 3R ventilated with rain shields for outdoor application.
- “Take apart” construction with interchangeable parts for flexibility.
- Forklift and mounting provisions.
- ANSI 61 gray powder coat paint, other finishes and stainless steel.

REACTOR TYPES

- Air Core Reactors
- Current Limiting Reactors (CLR)
- DC Chokes
- Ferro-resonant Reactors
- Filter Reactors
- Floating Core Reactors
- Grounded Core Three Phase Reactors
- Harmonic Reactors
- Inductors
- Input Line Reactors
- Inrush Reactors
- Iron Core Reactors
- Line Reactors
- Load Bank Reactors
- Medium Voltage Trap Reactors (MVTR)
- Output Line Reactors
- Trap Reactors
- Saturable Reactors
- Shunt Reactors
- Inverter Reactors

We also offer consulting and product development services including the use of outside testing services to verify the jointly developed product design meets the requirements and standards needed by our customer's applications.

CHECK OUT THE POWER MAGNETICS BLOG!