High Voltage Transformers

Our High Voltage Transformers Capabilities at a Glance:

- Ability to manufacture transformers with a variety of input and output voltages
- Manufacture transformers in a variety of formats and geometries
- Design up to 30LBs
- Manufacture with High Quality Materials & Highly Specialized Winding Techniques (multi-section bobbin or a multi-layer coil)

FEATURES AND SPECIFICATIONS

Output Voltage up to 60 KV
Output Power up to 2000 VA

Input:
- 115, 57 to 63 Hz
- 115/230V, 47 to 63 Hz
- Switching - up to 100 KHz
- PC Mount
- Low Profile
- Split Section
- Horizontal
- Vertical
- High Voltage Exit
- Lead Wire
- Bobbin Terminal Toroids on Headers

High voltage transformers convert voltages from one level to another, usually from lower to higher voltages. They can include features for electrical isolation, power distribution, and control instrumentation applications.

Custom Coils can manufacture custom transformers with a variety of output specifications to meet your exacting requirements. Speak with us for custom transformers with an Output Voltage up to 60 KV and Output Power up to 2000 VA.

https://www.customcoils.com/high-voltage-transformers/

Phone: (605)934-2460
High Voltage Transformer Construction

Where:
- $V_P$ - is the Primary Voltage
- $V_S$ - is the Secondary Voltage
- $N_P$ - is the Number of Primary Windings
- $N_S$ - is the Number of Secondary Windings
- $\Phi$ (phi) - is the Flux Linkage

High Voltage Transformers

- High voltage transformers can be encapsulated in electrical grade varnishes or epoxies.
- High voltage transformers are very reliable and can operate in almost any environment.
- High voltage transformers can be manufactured with high voltage winding techniques either multi-section bobbin or multi-layer coil form.

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