



FAQs – Introductory

- **What is – “PowerWindings™”?**
The term refers to a patented transformer design which can either increase the output with the same materials or reduce the materials for the same output.
- **Does this configuration apply to all transformers?**
This design is applicable and scalable to all types of transformers that are wound on a common core with at least two coils.
- **What are the adoptions or configurations that will need to be made?**
No modifications are required.
- **Can I use the transformer in Europe?**
Yes. Transformers made this way will operate at any input voltage and at any frequency at which transformers currently operate.
- **How much will it cost to implement this technology?**
There will be no additional design, labor, material or time costs except for the split bobbin design which is proprietary to our design.
- **What are the main materials of this embodiment?**
This embodiment is made of the same type of materials and the same magnetic characteristics as conventional transformers.
- **What is the core configuration implemented on this design?**
This is a single phase laminated E-I type core configuration (M6 and M19).
- **What is the optimal power efficiency on this configuration?**
This design achieves a higher efficiency than conventional transformers, with up to 5% improvement in reference to the input voltage.
- **Do I have to make an investment in manufacturing process and equipment?**
No changes to equipment or processes for this to go into play. PowerWindings™ uses existing manufacturing equipment and processes.

