



provides the Wind Power Industry with high efficient PowerTransformers, Grounding Zigzag Transformers, Current Transformers and Reactors, based on innovative, reliable designs with world wide safety agency approvals. We work closely with our customers to fully understand their needs and we provide unique, high quality, cost effective products, manufactured in our large ISO 9000 certified manufacturing facilities.

### Engineered Power Solutions for New Technologies



#### Our Strengths

- Experienced engineering team
- Broad application knowledge
- Solution focused R & D activities
- ISO 9000-2000 Certified
- UL approved
- Large manufacturing facilities

#### Quality

All our products are designed to support rough environmental conditions and robust mounting. We do 100% testing to verify the product quality and life expectancy. Some of the tests are: Hi-pot, corona discharge, inrush current, no load current, no load voltage, losses.

#### Did You Know?

Toroidal Transformer has many advantages for Energy applications

- Smaller and lighter
- High efficiency- Environment Friendly
- Wide choice of mounting options
- Lower no load power consumption
- Virtually no audible noise
- Wider choice of configuration
- Low Inrush current option

#### Toroidal T/F Specification:

Power: 1Phase: 1 kVA to 20kVA, 3Phase- 3kVA- 60kVA  
 Frequency: 47Hz to 63 Hz  
 Primary: customer specified  
 Secondary: customer specified  
 Efficiency: 95% to 98.6%  
 Isolation: 4kVA ( Hi-pot)  
 Temp rise: Customer specified  
 Insulation classes: A, B, F, H  
 Hi-pot: 4000Vrms  
 Safety: UL approved  
 RoHS: Compliant



**Our special Low Inrush Current Transformers  
 Improve the system reliability**

#### Powertronix High Insulation Class Reactors.

Powertronix has extensive knowledge on design and manufacturing higher efficient AC, DC or DC with high current saw tooth superimposed conditions. Our temperature class are 180 deg C, 200deg C, 220 deg C.



#### 3 Phase EI Transformers

Power: 20 kVA- 300 kVA  
 Insulation 200deg C- 220degC



**Optimized Design**

#### Powertronix Current Transformers

Primary current from milliamps up to 10,000 A.  
 Accuracy classes:  
 0.1-0.2S-0.2-0.5 - 1.0 – 3.0



**Enclosed Type/ Open Type**

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