



*We can do that!*

## Cast Coil Transformers

- Single Phase thru 1000kVA
- Three Phase thru 5000kVA
- Voltage Combinations thru 34.5kV
- Copper wound as standard
- Frequencies of 50 or 60 Hertz
- BIL ratings thru 150kV
- Temperature Rise 80°C as standard
- NEMA 3R (outdoor) enclosure available
- Single or Double
- Electrostatic Shields
- Future Forced Air (FFA) or Forced Air (FA)



### Quality...Durability...Performance Just what you'd expect from Olsun Electrics

Specially designed for severe environment applications, Olsun's dry type cast coil is the solution. Our windings are cast in epoxy resin, providing a high dielectric barrier and superior protection from harsh operating environments. The cast material is a durable fiberglass compound providing mechanical strength and resistance to short circuit stresses while maintaining characteristics necessary to support overload conditions. Environmentally safe and free from flammable or toxic substances, Olsun's cast coil units can be installed in close proximity to a harsh environment load, minimizing cable runs and overall system losses. In severe environment applications, Olsun cast coil transformers can withstand severe vibration conditions while providing superior performance.



**Engineered and Assembled in Richmond, IL USA**



## Standard Features

- **Cast Coil Construction with Copper Windings**
- **Highest Durability for Dry Type Applications**
- **80°C Temperature Rise**
- **180°C Insulation**
- **Coil Design to Minimize Short Circuit Stresses**
- **High quality Grain Oriented Steel**
- **Accommodating Terminal/Bus Configurations**
- **Quick and Easy Tap Changing**
- **NEMA standard or below sound levels**
- **ANSI 61 Gray Powder Paint enclosure**
- **Bolt together enclosure**
- **NEMA Type 1 enclosure**
- **Environmentally Safe**

## Optional Features

- |   |  |
|---|--|
| • <b>Drive Isolation Rated</b>                      | • <b>Special Color Paint</b>                     |
| • <b>K-Factor Rated</b>                             | • <b>Forced Air Cooling</b>                      |
| • <b>Low Inrush Current</b>                         | • <b>Temperature Monitor with alarm contacts</b> |
| • <b>Electrostatic Shield</b>                       | • <b>Surge Arrestors</b>                         |
| • <b>Special Dimensions (Retrofit)</b>              | • <b>Special Switches, Breakers, or Fuses</b>    |
| • <b>NEMA 3R Enclosures</b>                         | • <b>Compartmentalized Pad Mount Enclosure</b>   |
| • <b>Totally Enclosed Non-Ventilated Enclosures</b> | • <b>Metering</b>                                |
| • <b>Stainless Steel Enclosures</b>                 |  |



**Transforming the Industry with:**  
**Handcrafted Quality • Sophisticated Designs • Superior Materials • Olsun Flexibility**

Olsun Electric is a leading dry type transformer manufacturing company that has been providing solutions in the most challenging environments for over five decades.