



# Cast Coil Transformer



## Product Highlights

<b>Size</b>	50 kVA to 15000 kVA
<b>Primary voltage</b>	2.3kV to 36kV
<b>Secondary Voltage</b>	120 Vac to 25kV
<b>Temperature class</b>	F class
<b>Noise level</b>	750-1000kVA = 64db, 1001 to 2000 kVA = 65dba, 2001 to 2500 kVA = 68db
<b>Certifications</b>	CSA C9-02 (R2007), IEEE C57.12.01 (2005), IEC 600676-11 (2004)

## These transformers offer the following benefits

<b>Environmentally safe</b>	No SF6, no PCB's, No mineral oil
<b>Moisture proof</b>	Suitable in harsh environments
<b>No Partial Discharge</b>	There is no possibility of partial discharge
<b>Low Noise</b>	Due to step lap cutting, the noise level is an appreciable reduction over dry types
<b>High Overload Capability</b>	Can handle overloads greater than oil immersed transformers can
<b>High Impulse Strength</b>	Withstand levels up to 200kV BIL are available
<b>Maintenance free</b>	No checking of liquids, no dielectric testing. Due to smooth coil face, dirt falls off.
<b>Fire Resistant</b>	Self-extinguishing and fire resistant
<b>Standard Tests</b>	Resistance measurements, ratio test, polarity and phase rotation, impedance and load loss, no-load loss and exciting amps, applied potential tests, double induced potential test, partial discharge test (below 10PC)
<b>Optional Tests</b>	Temperature rise; short circuit test, audible sound test, climatic and environmental behaviour test

## Options

Wheels, cooling fans and temp controller, digital thermometer 3 phases, indoor or outdoor enclosures.