



Sales / Spec Sheet

TTE 138/34.5/13.8 kV Power Transformer – 69/92/115 MVA

Executive Summary

One TTE three-phase oil-filled power transformer rated 69 / 92 / 115 MVA, 138 / 34.5 / 13.8 kV, 60 Hz. Uploaded documentation describes the unit as new and unused. The nameplate drawing shows ONAN / ONAF1 / ONAF2 cooling, vector group YNyn0+d, IEEE C57 standard, mineral oil insulation fluid, and a tertiary winding for stabilizing purposes only.

Why This Opportunity Stands Out

- Immediate availability — alternative to new factory production lead times
- New TTE-built unit — unused transformer described as stored and ready for sale
- Utility-class rating — 69 / 92 / 115 MVA for substantial power applications
- Multi-stage cooling — ONAN / ONAF1 / ONAF2 for flexible operating capacity
- Tertiary winding included — 13.8 kV tertiary with stabilizing-purpose note shown on the nameplate
- Mineral oil design — ASTM D-3487 Type II fluid identified on the nameplate
- Accessories package included — spare bushings, gaskets, sudden pressure relay, breather desiccant, RTD, and hot spot indicator relay
- Factory test program referenced — documentation lists insulation, performance, thermal, auxiliary, and CT test categories

Key Specifications

Item	Value
Manufacturer	TTE Transformers
Equipment Type	Three-phase oil-filled power transformer
Condition	New
Quantity	1
Year of Construction	2024
Rated Power	69 / 92 / 115 MVA
Tertiary Power	23 / 30 / 38 MVA
HV Voltage	138000 GrdY / 79675 V
LV Voltage	34500 GrdY / 19920 V



Tertiary Voltage	13.8 kV
Frequency	60 Hz
Cooling Class	ONAN / ONAF1 / ONAF2
Vector Group	YNyn0+d
Fluid Type	Mineral Oil (ASTM D-3487 Type II)
Standard	IEEE C57
Temperature Rise	65 / 65 °C winding / oil
BIL	650 / 200 / 200 kV (HV / HV Neutral / LV)
Pressure Rating	Full vacuum
Load Tap Changer	VACUTAP MR 72.5 kV – 18 35 3W

Packaging / Included Items

Item	Details
Total Assembled Weight	277,340 lb
Core and Coils	147,490 lb
Tank and Fittings	55,930 lb
Oil Weight	73,920 lb
Shipping Weight Without Oil	187,725 lb
Total Weight in Technical File	127,797 kg
Shipping Weight in Technical File	85,151 kg
Dimensions	8.469 x 4.845 x 6.819 m
RTD	Included
Hot Spot Indicator Relay	Included
Gasket Set	Included
Touch-Up Paint	Included
HV Line Bushing	Included
LV Line Bushing	Included
Neutral Bushing(s)	Included



Sudden Pressure Relay	Included
Breather Desiccant	Included
Crate / Package No.	Not shown

Notes + Applications

- Suitable for industrial and power distribution applications.
- Nameplate includes a note stating that the tertiary winding is for stabilizing purposes only.
- Manufacturer test program includes insulating level, performance, thermal, auxiliary/mechanical, insulation/material, and CT testing.

Contact

CTG Power Systems Intl., LLC
 401 East Jackson St., Ste. 2340-F12
 Tampa, Florida 33602 USA
 Corp. Tel.: (813) 920-3500
 Direct: (813) 535-7771
 WhatsApp: (813) 918-0762
 Fax: (941) 220-6612
 Email: Sales@CTGPowerSystems.com
 Website: www.CTGPowerSystems.com