



TRANSFORMERS.

It's What We Do



OIL FILLED TRANSFORMERS

Pad mounted transformers are available in standard and custom designs through 10 MVA, up to 46kV primary voltages and up to 25kV secondary voltages. Some new and reconditioned units in stock up to 2500 KVA.

Substation transformers are available up to 300 MVA, 230kV with the fastest lead times in the industry. Standard and custom-designed units are available.

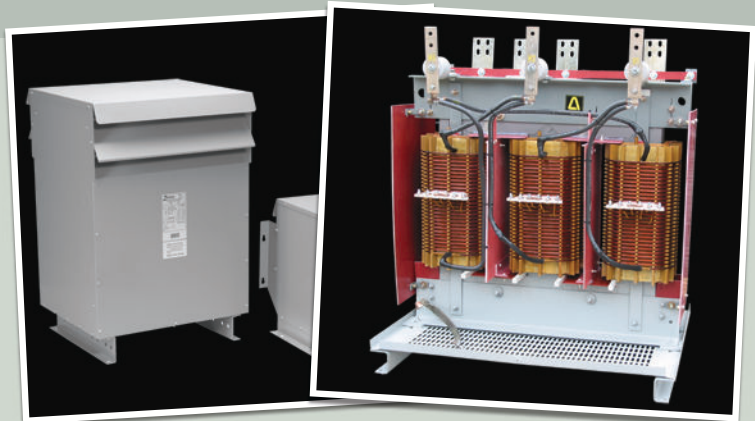
Alfa Transformer offers new and reconditioned **pole mounted transformers** through 333 KVA, primary voltages up to 35kV. Standard lead time for reconditioned transformers is 2-3 weeks but many can ship within 24-48 hours for emergencies.

Call us or visit our web site for a quotation.

4 7 9 - 6 4 6 - 1 6 6 8

DRY TYPE TRANSFORMERS

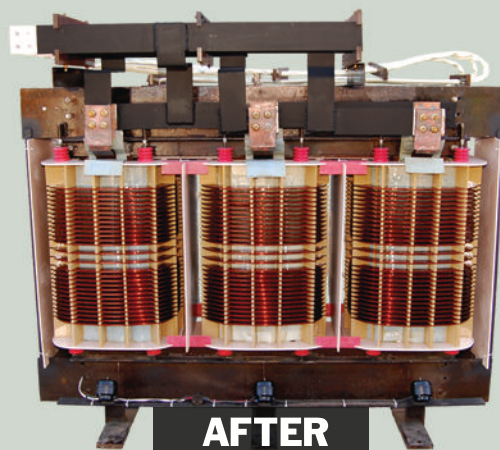
Alfa Transformer stocks remanufactured and reconditioned, three phase, **medium voltage dry type transformers** through 2500 KVA. Standard and custom designs through 10 MVA, up to 35kV.



Alfa offers a complete range of new and reconditioned **low voltage dry type transformers** including general purpose, drive isolation, motor-starting autotransformers, buck-boost and more. Most stock transformers can ship within a few hours. Alfa also offers non-standard designs with short lead times available. Call or visit our web site for a quotation.

TRANSFORMER REPAIR

Alfa can repair your oil filled and dry type transformers up to 5000 KVA and 34.5kV. Modern winding techniques are used to improve cooling efficiency and short-circuit strength when possible. Alfa can repair most coil-based equipment including special designs and obsolete items. This includes reactors, rectifiers, and more. Call us for a quotation.



www.alfatransformer.com

THREE-PHASE FULL LOAD CURRENT

$$\text{KVA} = \text{VOLTS} \times \text{AMPS} \times 1.732 / 1000$$

KVA	208V	240V	480V
15	41.6	36.1	18.0
30	83.3	72.2	36.1
45	124.9	108.3	54.1
75	208.2	180.4	90.2
112.5	312.3	270.6	135.3
150	416.4	360.9	180.4
225	624.6	541.3	270.6
300	832.7	721.7	360.9
500	1387.9	1202.8	601.4
750	2081.9	1804.3	902.1
1000	2775.8	2405.7	1202.9
1500	4163.7	3608.6	1804.3
2000	---	---	2405.7
2500	---	---	3007.1

SINGLE-PHASE FULL LOAD CURRENT

$$\text{KVA} = \text{VOLTS} \times \text{AMPS} / 1000$$

KVA	120V	240V	480V
5	41.7	20.8	10.4
7.5	62.5	31.3	15.6
10	83.3	41.7	20.8
15	125.0	62.5	31.3
25	208.3	104.2	52.1
37.5	312.5	156.3	78.1
50	416.7	208.3	104.2
100	833.3	416.7	208.3
167	1391.7	695.8	347.9
250	2083.3	1041.7	520.8
333	2775.0	1387.5	693.8

OTHER PRODUCTS & SERVICES

- Medium Voltage Switchgear
- Phase Converters
- Transformer Components
- Reconditioning
- Testing
- Oil Sampling & Analysis

...We buy selected surplus transformers.

VISIT OUR WEB SITE

Visit our web site for more information on transformers, handy electrical formulas, quotation request forms, a transformer glossary and more.

www.alfatransformer.com



PO Box 6316 • Fort Smith Arkansas 72906

Ph 479.646.1668 • Fax 479.646.4101

www.alfatransformer.com