



VIRGINIA - GEORGIA TRANSFORMER
ONE SOURCE-ONE COMMITMENT

Powering DATA CENTERS with Virginia Transformer

SIX (6) MANUFACTURING PLANTS IN NORTH AMERICA

With more than 50 years of engineering and manufacturing expertise, Virginia Transformer Corporation is the leader in producing reliable, high-quality transformers with a 60-year lifespan for the data center market.

To meet the diverse needs of our customers, Virginia Transformer proudly offers:

- **Engineering Excellence**

Our transformers are precision-engineered and built to the highest industry standards to minimize losses from harmonics common in data center applications. Comprehensive testing and rigorous quality control measures result in an overall defect rate of less than one percent.

- **Customized Solutions**

Backed by a team of more than 400 skilled engineers, we deliver custom transformer solutions tailored to the individual requirements of each data center project. Our units are expertly designed with a 60-year lifespan for unparalleled reliability and efficiency.

- **Six Manufacturing Facilities Across North America**

Our strategically located manufacturing facilities across the United States and Mexico align with data center hub locations for swift delivery and unit installation. We audit, validate, and verify all materials used to guarantee compliance with all federal and industry standards.

- **Financially Secure and Stable**

Our robust financial stability, lack of short-and long-term debts, and 15 percent CAGR since 1982 ensure project commitments are upheld at every step. With a strong focus on maintaining a resilient supply chain, we minimize disruptions and shortages to provide unparalleled service to our customers.

- **Superior Reliability and Service**

With the shortest lead times in the industry and superior customer service, we are the trusted supplier of transformers for data center projects. From the initial inquiry to final installation, we maintain close contact with each customer throughout the sales and manufacturing process. We proudly offer field commissioning and lifelong after-installation services to guarantee the longevity and performance of our units.

OUR UNITS ARE EXPERTLY DESIGNED WITH A 60-YEAR LIFESPAN FOR UNPARALLELED RELIABILITY



vatransformer.com



ENERGY FOR EVERY DATA CENTER APPLICATION

E2X Transformers are the industry's leading and most reliable padmounts from Virginia Transformer.

The E2X name refers to its suitability for a wide range of markets
– Energy to “X”



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Georgia Transformer

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Standard characteristics of E2X padmount transformers are as follows:

- Typically 65°C average winding rise
- Three-legged, step-lap mitered core
- Rectangular coils
- Aluminum windings
- 60 Hz standard, optional 50 Hz
- Powder coat baked epoxy paint — Munsell green (other colors available)
- Ratings from 750 kVA to 5000 kVA
- Typically available HV voltage ratings from 4160 V to 34500 V
- LV voltage up to 690 V
- BIL/impedance ratings as per IEEE standards

E2X also includes:

- Stainless steel door hinges
- Steel HV/LV compartment barrier
- Padlocking facility with one penta-head bolt on the LV compartment door and two penta-head bolts on the HV compartment door, including a 3-point latching mechanism
- Nameplate per ANSI requirement
- Pressure relief valve
- Cooling radiators hot-dip galvanized, unpainted, bolt-on type (without isolation valves)
- Liquid level gauge
- Liquid temperature gauge
- Pressure vacuum gauge

Our mission is to deliver the perfect transformer with a 60-year lifespan and provide unparalleled customer service

About Us

Virginia Transformer Corporation is the largest U.S.-owned power transformer manufacturer in North America, producing custom-engineered power transformers for every application with the shortest lead times in the industry. Products range in power from 500 kVA to 500 MVA core type, up to 1,400 MVA shell type. Our mission is to deliver the perfect transformer with a 60-year lifespan and provide unparalleled customer service. To learn more, visit us at www.vatransformer.com.