



TAEYOUNG

TAEYOUNG ELECTRIC CO., Ltd.

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TAEYOUNG

Trustworthy Distribution
Transformer Manufacturer

IEEE / ANSI Compliant

Fast Delivery
& Custom Design



taeyoungelectric.com

**Engineered for
Utility Reliability
Built for U.S. Standards**

Pad-Mounted, Pole-Mounted, and Substation Solutions with Full Life cycle Control

Pad-Mounted Transformers

- Tamper-resistant, utility-compliant design
- Dead-front / Live-front configurations
- Designed for underground distribution systems



Compact type Pad-Mounted Transformer

Pole-Mounted Transformers

- Compact and durable for overhead networks
- Optimized for efficiency and thermal performance
- Field-proven reliability

Substation Transformers

- Custom-engineered for utility and industrial applications
- High reliability under demanding load conditions
- Designed to meet IEEE / ANSI standards



Aluminum Enclosure

High Efficiency Amorphous Transformer



High Efficiency Laminated Core

Fulfilling U.S. Efficiency Standards and Utility Specifications with Confidence



Testing Desk

DOE Efficiency

- “We are not just meeting DOE standards/specifications — we design with future efficiency requirements in mind. (upcoming DOE 2029)”
- Optimized core and winding design for loss reduction

Utility Specifications

- Designed in compliance with IEEE / ANSI standards
- Utility-specific requirements (e.g., major U.S. utilities)
- Documentation package ready for approval



Traceability

Traceability

- “End-to-end traceability ensuring full insight throughout production.”
- Audit-ready documentation



Vacuum Oil Filling

Quality

- Utility-oriented quality management system
- Controlled manufacturing processes
- Practices for continuous improvement

Testing

- Routine / Type / Special tests per IEEE standards
- Electrical, mechanical, and insulation verification
- Final inspection prior to shipment

Test Report



Your Brand, Powered by Us.

OEM / Private Label with Full Traceability Support

- Customized design per utility specification (DOE / IEEE compliant)
- Customer brand nameplate & documentation

Major Products



Compact Type Pad-Mounted Transformer

300KVA, 500KVA

These transformers are utilized in urban areas, schools, industrial zones, airports, and golf courses. They transmit power through unexposed underground pad-mounted cables, ensuring safety.



High Efficiency Pole Transformer

30KVA, 50KVA, 75KVA, 100KVA, 167KVA

These high-efficiency transformers are designed to operate quietly and have enhanced capacity due to their minimal or zero load losses.



High Efficiency Amorphous Transformer

10KVA, 20KVA, 33KVA, 50KVA, 75KVA, 100KVA, 167KVA

These transformers achieve reduced losses by substituting the conventional silicon steel plate core with amorphous metals.

Export Transfotmer



Single Phase Pole Mounted Transfotmer



Three Phase Pad Mounted Transfotmer



Capacity : up to 5 MVA

Primary Voltage : up to 34.5 kV

Secondary Voltage : Per Customer Requirements

Production Capacity

Item	Range	Capacity
Pole	up to 500 kVA	3,000 (Units/Month)
Pad	up to 5000 kVA	300 (Units/Month)

Greeting

Since its founding in 2021, Taeyoung Electric has established a firm foothold in the domestic market based on rapid growth and is looking forward to writing a new history by exploring overseas markets.

All of our staff have been making their best efforts under the goal of fully meeting customer needs through constant technological innovation, using only high-quality raw materials to make products that meet domestic and international standards and satisfy customer requirements.

By prioritizing quality, environment, and safety, and by earning a reputation as a top-notch company that is responsive to customer needs, we aim to prosper even in 100 years.



Certifications

ISO9001



ISO14001



ISO45001



KEPCO Certificate



