



DAELIM BELEFIC



**ELECTRIC
WITH AN EDGE**

ELECTRIC WITH AN EDGE



Dong Bin

DAELIM BELEFIC GROUP
FOUNDER & CEO

Message From the CEO

For over 20 years, DAELIM BELEFIC has been at the forefront of innovation in the electrical transformer industry, accumulating extensive experience and expertise and becoming one of the world's most trusted transformer manufacturers. From the very beginning, we have focused on global markets, and today, we proudly deliver energy solutions to over 40 countries across North America, Europe, South America, and beyond.

Our strength lies in our skilled and dynamic team, supported by advanced manufacturing facilities that combine precision engineering with innovative technologies. Every product we deliver reflects our unwavering commitment to quality and performance, meeting the toughest demands of global energy projects.

With a customer-centric approach, our talented teams are dedicated to creating superior value for clients worldwide. Our philosophy is rooted in innovation, quality, and mutually beneficial partnerships. By harnessing global resources, we drive growth and enhance customer satisfaction across international markets. We invest in continuous training and development while fostering close collaboration with employees, customers, and partners. Together, we are shaping a cleaner, more sustainable energy future.

A Global Powerhouse in Energy Solutions

Founded in April 2010, DAELIM BELEFIC GROUP is rapidly emerging as a leading force in the global transformer industry, integrating research and development, manufacturing, sales, and technical services. With two advanced manufacturing centers in China and the United States (Houston, Texas), we are well positioned to serve our growing global client base across more than 40 countries spanning North America, Europe, South America and Africa.

Vision

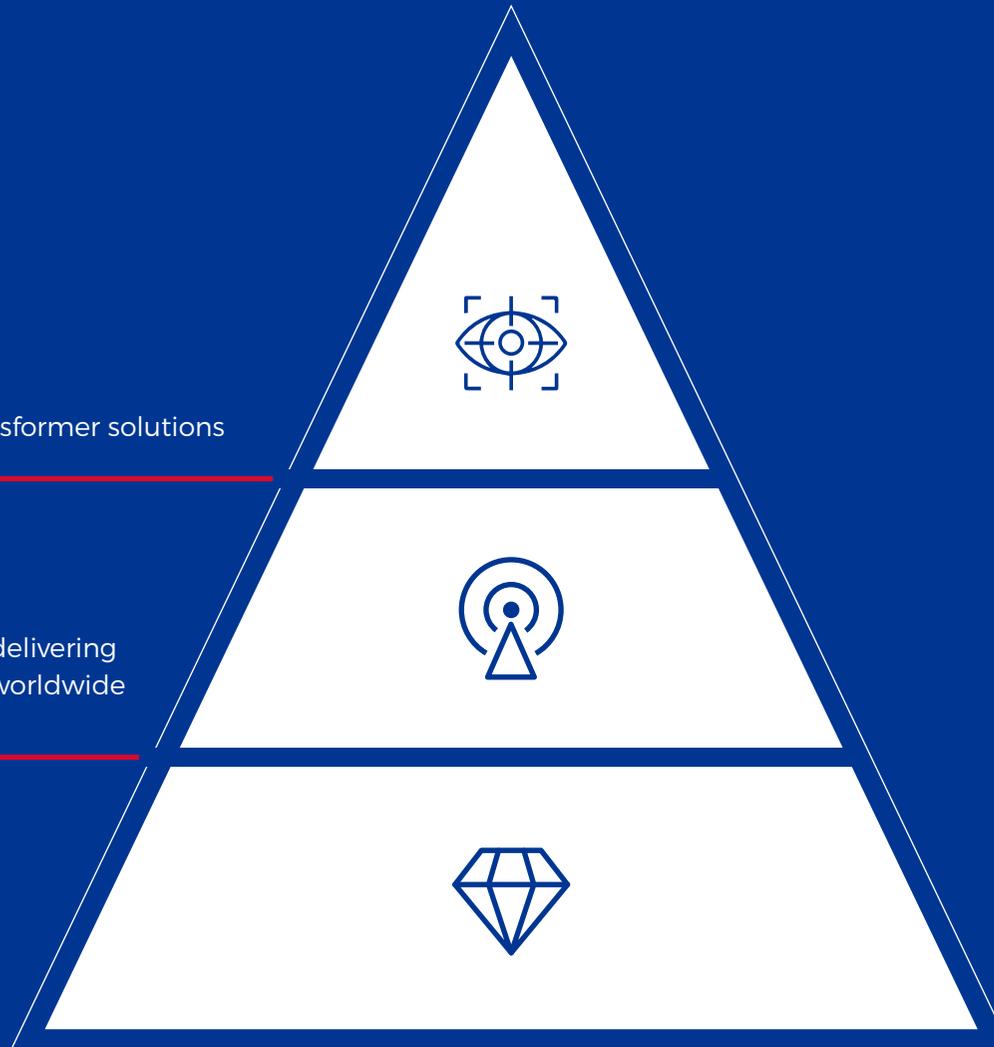
To be a global leader in power transformer solutions

Mission

Dedicated to power transformers, delivering safe and reliable energy solutions worldwide

Core Values

Efficiency | Resilience
Innovation | Excellence



We specialize in providing tailored energy solutions to meet the unique requirements of our clients. Our portfolio covers producing power transformers and distribution transformers that meet international standards, including ANSI/IEEE, CSA, IEC, and AS/NZ. Leveraging our strong presence in the United States and Canada, DAELIM BELEFIC is expanding rapidly into global markets. Our commitment to innovation, excellence and reliability drives us to continuously contribute to a cleaner, more sustainable energy future, positioning DAELIM BELEFIC as a trusted partner in the global energy sector.

Company Milestones

2010

Beijing DAELIM Established

2019

Jiangsu DAELIM Established

2024

- Phase I of Jiangsu DAELIM Manufacturing Center Launched
- Phase II Project Signed

2014

DAELIM Undertook EPC Projects for Substations

2023

USA DAELIM Established

2025

- Broke Ground on Phase II to Expand Capacity
- New Global Brand Identity Unveiled at RE+ 2025

Jiangsu Facility

Global Manufacturing & Supply Chain Hub



JIANGSU DAELIM ELECTRIC CO.,LTD

99 Donglian Road,
Qutang Town,
Hai'an City,
Nantong City,
Jiangsu Province,
China.

FACILITY 1

In 2024 we completed our facility renewal and expansion, substantially increasing our yearly production capacity to more than 10000 MVA. We now have two state-of-the-art workshops for a total covered surface of above 60000 square meters dedicated to offices, winding, core & coils assembly and overall finishing and testing.

The Jiangsu facility operates as DAELIM BELEFIC Group's strategic manufacturing and supply chain hub in the Yangtze River Delta, delivering globally compliant transformers through integrated R&D and production.



Houston Facility

Strengthening Our North American Presence



USA DAELIM TRANSFORMER INC

5504 Clara Rd,
Houston,
TX 77041

FACILITY 2

Our newly inaugurated Houston, TX facility underscores our growing commitment to the U.S. and Canadian markets, where we are seeing increasing demand for our high quality transformers.

The facility provides end-to-end localized solutions, including:

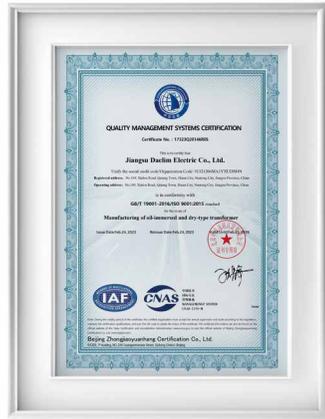
- On-site commissioning and installation supervision by certified engineers
- Advanced transformer testing and diagnostics with real-time reporting
- 24/7 expert troubleshooting and technical support
- Tailored after-sales service programs with predictive maintenance options
- Largest in-stock inventory in the region for guaranteed just-in-time delivery

As part of our forward-looking roadmap, we will commence transformer manufacturing operations at the U.S. facility, enhancing our capacity to serve the North American market with:

- Shorter lead times through localized production
- Tailored solutions for regional requirements
- Strengthened supply chain resilience



CERTIFICATES



- ISO -



- UL -



- CUL -



- CESI -



- SGS -



- CE -

Manufacturing Capabilities & Features

Design and Manufacture-

Design and manufacture transformers fully compliant with IEEE, CSA, IEC, and other international standards.

Global standards,
trusted performance.

1

Equipped and Advanced-

Operates advanced vertical and horizontal winding machines, featuring axial and radial tightening systems for precise coil fabrication.

Precision engineering
for superior coils.

2

Semi Automated Systems-

Integrates semi-automated systems for insulation wrapping, coil support, and conductor feeding, streamlining production to enhance efficiency and ensure consistent quality.

Streamlined production,
consistent results.

3

Fully Automated-

Incorporates fully automated vapor-phase drying and vacuum drying systems with pressure methods, ensuring accurate and intelligent insulation dehydration.

Advanced drying
for reliable insulation.

4

Employ-

Utilizes CNC-controlled shearing, cutting, and rolling machines for high-precision core structure and tank fabrication.

Precision craftsmanship
in every component.

5

Integrate and Advance-

Features advanced oil filtration and filling systems to ensure high-quality insulating oil and optimal system performance.

Optimal performance
through superior oil quality.

6

High Voltage Testing-

Provides high-voltage testing equipment, such as an 1800kV impulse voltage generator and a 300kV power frequency withstand voltage system, supporting testing for transformers up to 230kV.

Strong high-voltage
testing capabilities

7

Rigorous testing for proven reliability-

Maintains an on site high voltage test bay with a computerized diagnostic system for comprehensive electrical testing.

Advanced diagnostics
for flawless operation.

8



Utilize-

Applies the TWPD-2 multi channel digital partial discharge analyzer to ensure insulation reliability and quality control.

Precise analysis for dependable insulation. **9**

Dedicated-

Supports dedicated welding and painting zones with automated, eco-friendly systems to promote green manufacturing practices.

Sustainable practices, exceptional quality. **10**

Full Handling System-

Equips a heavy duty handling system, including overhead bridge cranes, forklifts, and self-propelled transport platforms, for safe and efficient material movement.

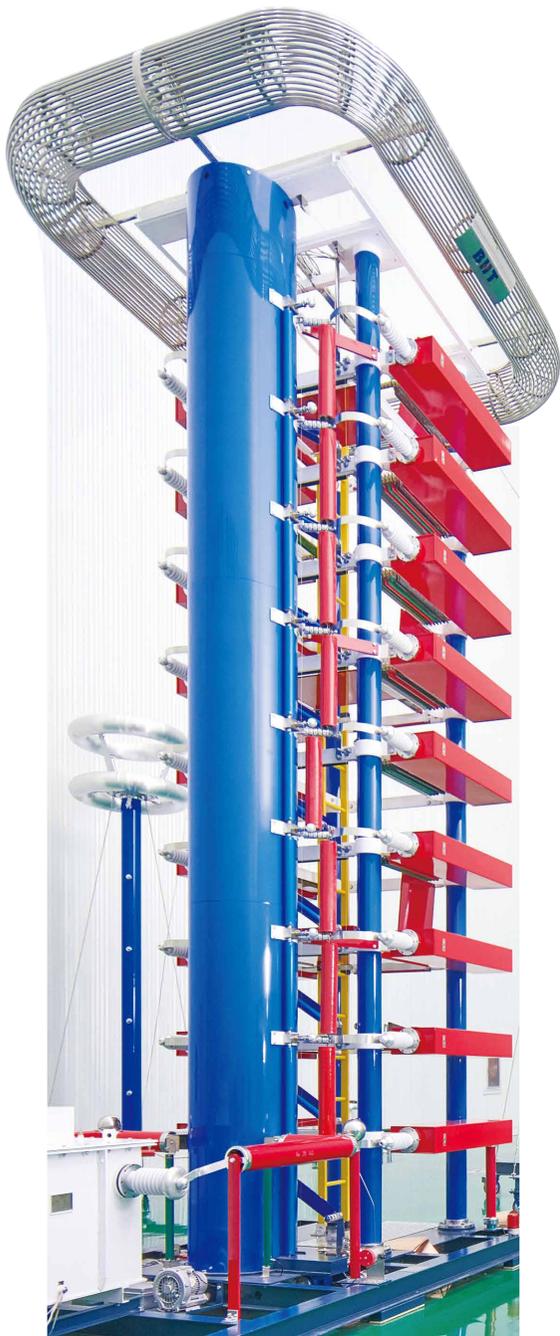
Efficient handling for seamless operations. **11**

Logistics-

Offers a dedicated logistics and shipping zone with categorized storage, dispatching, and real-time logistics tracking.

Timely delivery through optimized logistics. **12**





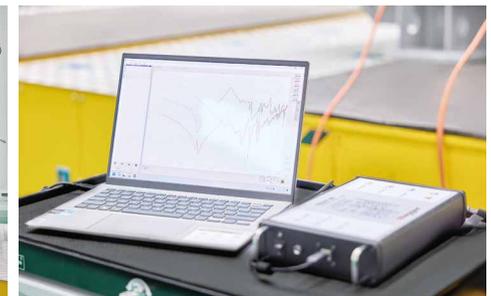
Testing

By leveraging our comprehensive testing capabilities, Daelim Transformer ensures that every transformer delivers exceptional performance, reliability, and durability in even the most demanding environments.

As a transformer manufacturer based on the ANSI/IEEE, CSA, IEC, and AS/NZ standard involves highlighting the range of tests conducted to ensure transformers meet international quality, safety, and performance requirements. Below is a structured way to present this information:



Routine Tests



Special Tests



Type Tests



Dielectric Tests



Oil Tests





Power Transformer

Application: Data Center, Cryptocurrency Mining (Bitcoin), Public Utilities, Power Substation, Renewable Energy, Industry.

Capacity: 15MVA-500MVA

High Voltage: Up to 345kV

Features:

- Meets or Exceeds Industry Standards Including ANSI, CSA, NEMA.
- Optional Non-PCB Mineral Oil or High Fire-Point FR3 Oil.
- A Range of Customized Features to Maximize Performance.
- Optimized, Consistent End-to-end Project Management.
- Noticeably Shorter Production and Delivery Times.

What We Offer

Three Phase Oil Immersed Small Substation Transformer

Application: Data Center, Cryptocurrency Mining (bitcoin), Public Utilities, Power Substation, Renewable Energys, Oil and Gas, Industry.

Capacity: 750kVA-20,000kVA

High Voltage: Up to 44kV

Features:

- Optional Non-PCB Mineral Oil or High Fire-point FR3 Oil.
- Meets or Exceeds Industry Standards Including ANSI, CSA, NEMA and DOE Energy Efficiency.
- A Range of Customized Features to Maximize Performance.
- Cores are Manufactured with Precision Cut, Burr-free, Grain-oriented Silicon Steel.
- Rectangular Coil Configuration for Superior Short-circuit Strength and Maximum Efficiency.



Single Phase Pad Mounted Transformer

Application: Both Large and Small Utility Scale Applications.

Capacity: 15kVA-333kVA

High Voltage: Up to 34.5kV

- Features:**
- Meets or Exceeds Industry Standards Including ANSI, CSA, NEMA and DOE Energy Efficiency.
 - Crowned Tank Top to Prevent Water Retention.
 - Removable Flip-top Hood Opens 180° for Easy Access with Stainless Steel Hinge Pins.
 - Externally Clamped High-voltage Bushing Wells for Loop Feed or Radial Feed Operation.
 - Multiple Fusing Options and Combinations, Including Internal and External Expulsion Fuse.



Three Phase Pad Mounted Transformer

Application: Both Large and Small Utility Scale Applications.

Capacity: 75kVA-10MVA

High Voltage: Up to 34.5kV

- Features:**
- Compact and Reasonable Structure, Small Volume, Easy for Installation.
 - Fully Sealed, Fully Insulated Design, Reliable Guarantee for Personal Safety.
 - Optional Loop Feed and Radial Feed, A Variety of Power Supply Schemes.
 - Low Loss, Low Temperature Rise and Strong Overload Capacity.
 - Double Fuses (bayonet Fuse + ELSP Fuse) for Protection.

Single Phase Pole Mounted Transformer

Application: Both Large and Small Utility Scale Applications.

Capacity: 15kVA-333kVA

High Voltage: Up to 34.5kV

- Features:**
- Available Options of Conventional Type And CSP Type.
 - Available Option of FR3 Fluid for Increased Fire Safety or Electrical Grade Mineral Oil.
 - Meets or Exceeds Industry Standards Including ANSI, CSA, NEMA and DOE Energy Efficiency.
 - Cores and Coils Designed for High Reliability and Low Field Failure Rates.
 - High-voltage Bushing Design Improves Gasket Protection and Seal.



Industry



Solar & Renewables



BESS



Utilities



Data Center



Bitcoin



Mining



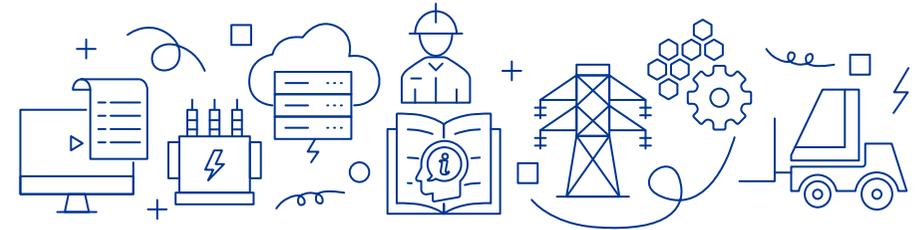
Oil & Gas

We Support

Full-Lifecycle Technical Partner for Transformers

Beyond Products – Delivering Comfort, Reliability and Trust Worldwide

We deliver more than transformer equipment. We act as your extended technical team, ensuring comfort, reliability, and trust at every stage from concept to long-term operation.



Phase 1 > Design & Engineering:

- Transformer design review and validation.
- Expert oversight and guidance.
- Customization of each transformer according to the needs of the client and the project.
- Ability to work with or integrate various global brands based on client requirements.
- Support throughout your project.

Phase 2 > Manufacturing Excellence:

- Comprehensive Quality Control – Material, Component, and In-Process QC.
- Standardized production processes developed over decades of experience.
- Large production capacity and very competitive lead times.
- Pre-Shipment Testing – Functional & Performance Verification prior to delivery.
- Transparent production process, accessible on-site or virtually.

Phase 3 > Factory Acceptance Testing:

- Witnessed functional and operational testing (FAT).
- Compliance with international standards for the execution of factory tests.
- FAT documentation and performance reports.

Phase 4 > Transportation & Delivery:

- End-to-end project visibility and real-time shipping updates.
- Option to have local personnel supervise equipment arrival.
- Coordination with local logistics and customs teams.

Phase 5 > Site Acceptance Testing & Commissioning:

- Remote Commissioning guidance and technical supervision.
- Installation guidance and recorded demonstration videos.
- Local technical team to perform local commissioning and testing.
- Local or regional expert team for installation assistance or execution.

Phase 6 > After-Sales Service & Lifecycle Support:

- Field Services – on-site technical support and remote guidance/assistance.
- Preventive maintenance programs, regular inspections, and diagnostics.
- Performance monitoring and reporting.
- Rapid emergency response for urgent issues.
- Local spare parts availability for fast replacement.
- Operator training and knowledge transfer.
- On-site transformer installation and assembly services with local DAELIM technicians available.
- Extended maintenance support provided by manufacturer-certified technicians.
- Support for upgrades, modernization, and operational optimization.

Phase 7 > End-to-End Professional Support:

- Multilingual communication and documentation support.
- Continuous expert oversight across all lifecycle stages.
- Founder backing for critical projects.

Global Expansion



6 Global Service Center

40+ Countries of Global Markets Export

300+ Employees Worldwide

2500+ Projects Delivery

20000+ Installed & Operating in North America

Tailor made in USA, China, global reach.



Our Team



7.5% of working hours are dedicated to continuous training and knowledge updates, fueling expertise that keeps us ahead.



Nothing we accomplish would be possible without our dedicated and talented team, always aligned with our projects and driving our values forward every day.



Project References



Project References



CONTACT US

Beijing, China

Tel: +86 150 1101 7180

Texas, USA

Tel: +1 6785485339

Spain, Europe

Tel: +86 196 0805 4890

Ecuador, Latin America

Tel: +593 993891230

Tajikistan, Middle Asia

Tel: +992 919500555

Web: www.daelim-electric.com www.daelimtransformer.com www.daelimbelefic.com

Email : sales@daelim-electric.com

Follow us on



Would You Like To Send Us An Inquiry?

