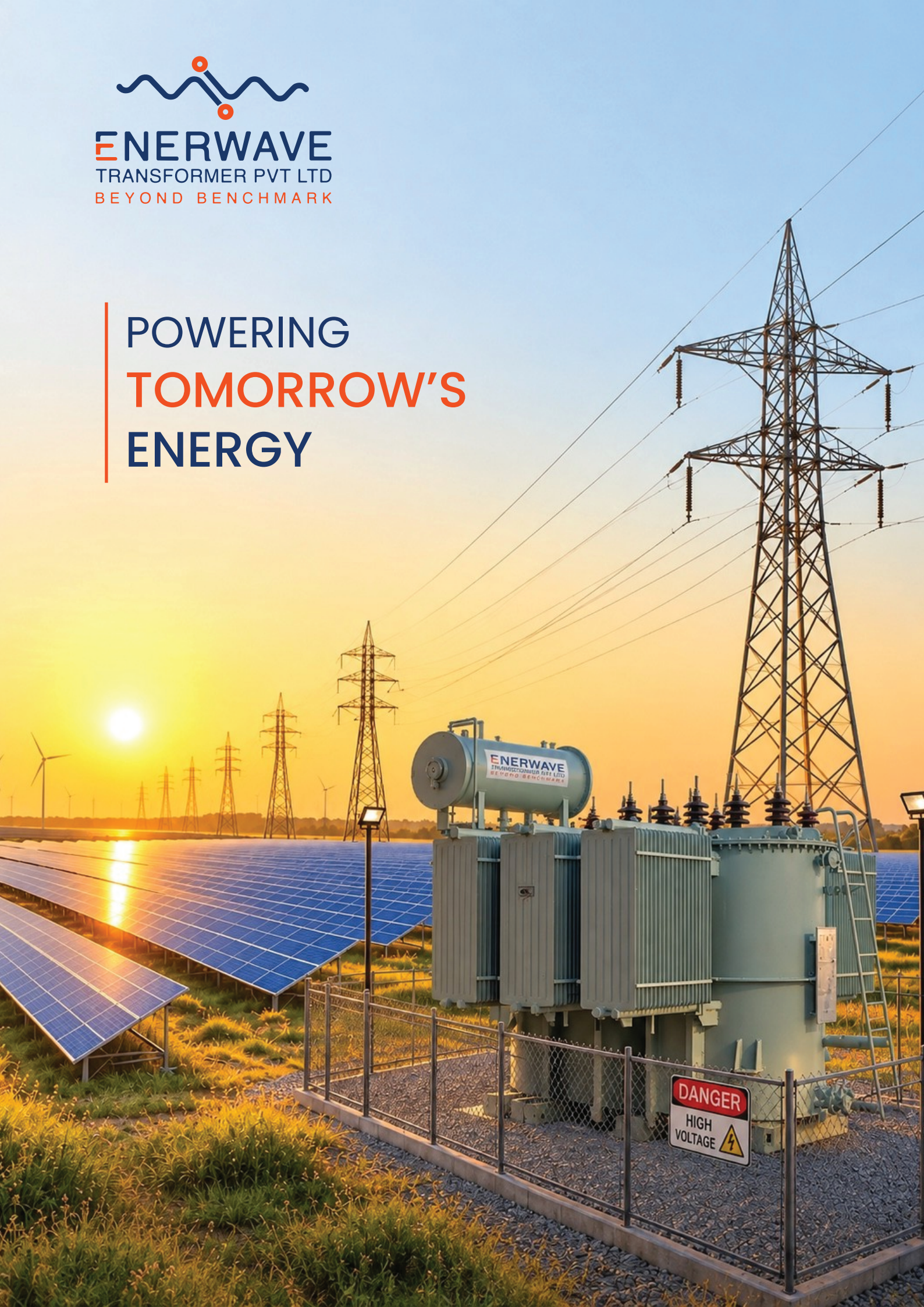
ENERWAVE
TRANSFORMER PVT LTD
BEYOND BENCHMARK

POWERING TOMORROW'S ENERGY



ENERWAVE
TRANSFORMER PVT LTD
BEYOND BENCHMARK

INNOVATION AT OUR CORE

QUALITY IN OUR PROCESS

SUSTAINABILITY IN OUR PURPOSE

ABOUT US

ENGINEERING A GREENER TOMORROW

Enerwave is a Gujarat-based transformer manufacturing company. Founded by visionary entrepreneurs, we specialize in manufacturing high-quality transformers that empower renewable energy projects like solar and wind. We are on a mission to deliver reliable solutions that meet today's energy needs and also promote a greener future.



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OUR VISION & MISSION

VISION

We are here to lead transformer industry with our advanced solutions and want to go beyond benchmark in quality, reliability, and sustainability that supports flawless renewable energy integration.

MISSION

To light up the world with high performance transformers that surpass standards, promotes long-term relationships with client, and bring innovation in renewable energy.



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GOALS

Though we are new but with our experience team and continuous efforts we will make our space among the top 5 transformer manufacturers.

We will not hold ourselves with state boundaries we will spread our wings nationwide keeping customer satisfaction and sustainability as our top most priority.

We are setting new standards for the industry by making continuous progress and with our innovative solutions

CAPABILITIES

We have the finest and state of the art manufacturing advanced facilities ensuring precision, efficiency, and completing job with 100% accuracy.

Rigorous testing automated systems ensure superior safety, quality, and performance. We have no space for errors.

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WHY CHOOSE ENERWAVE?

High-capacity Transformers up To 30,000 KVA.	Custom solutions Tailored to Unique needs	Cutting-edge Technology for Superior performance.
Well experienced Staff and modern In house machinery.	We do complete product Designing to product Testing inhouse.	We always focus On sustainability.

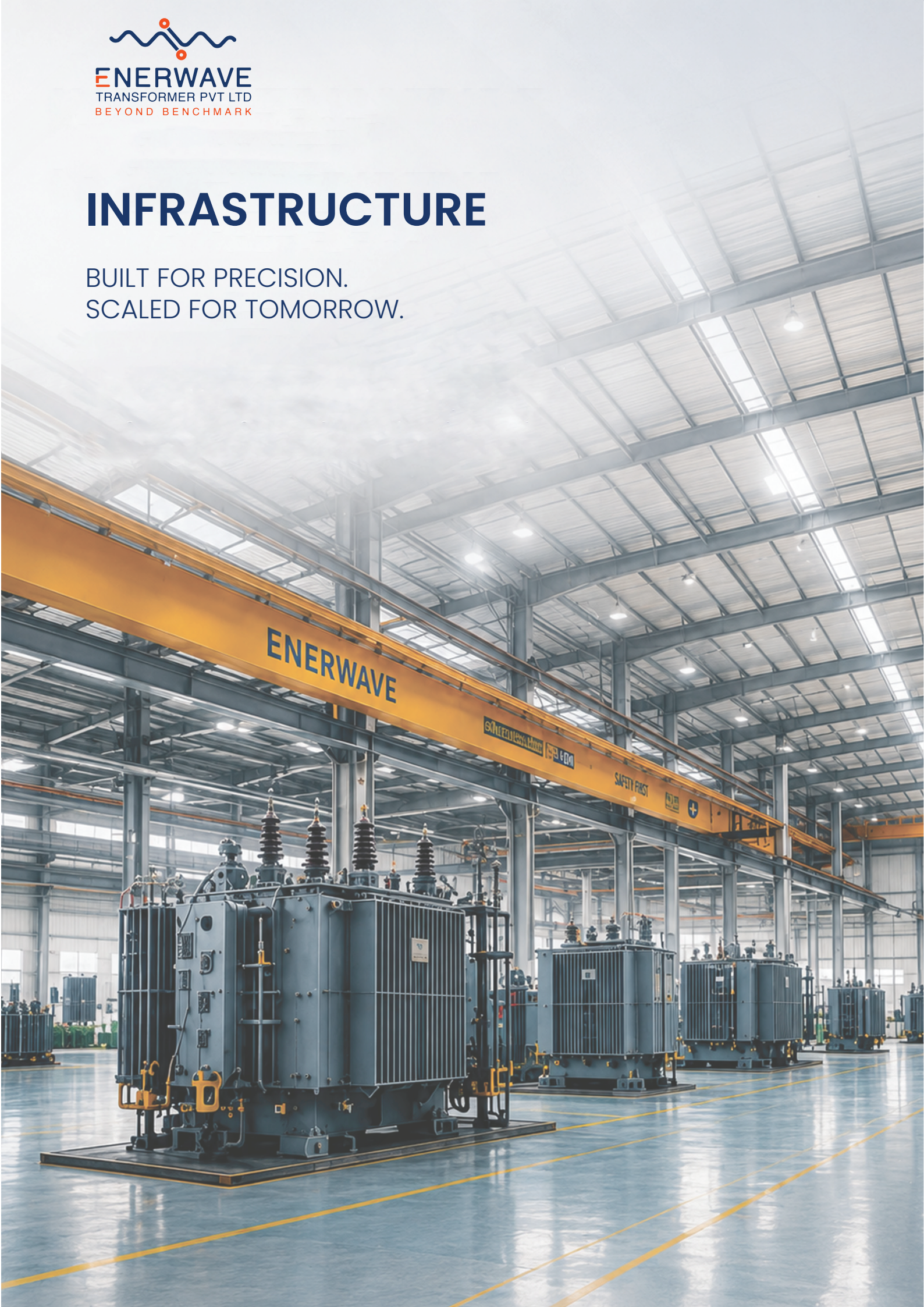
CUSTOMER SUPPORT

- We Provide 24/7 Assistance For Smooth Operations.
- Onsite Support
- Unmatched Warranties And Free Expert Consultations.
- Operation & Maintenance.

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INFRASTRUCTURE

BUILT FOR PRECISION.
SCALED FOR TOMORROW.



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Manufacturing Facility

Core Assembly

We have specially designed and bult core table with ensure the smooth constriction of core along with ensuring minimum impact on the Material during Building of core



Winding

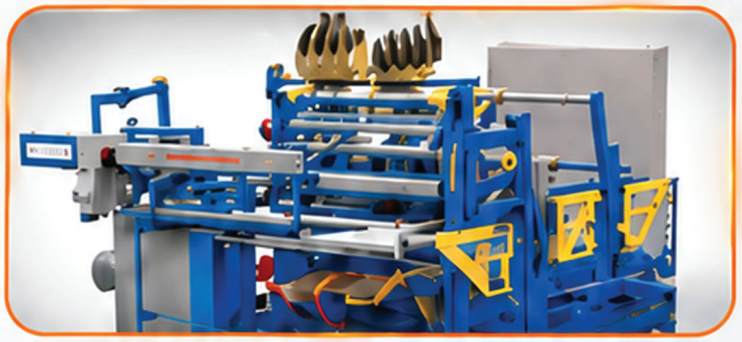
At Enerwave, our advanced winding processes ensure high efficiency, durability, and reliable transformer performance.

Foil Winding

Ideal for low-voltage applications, offering excellent mechanical strength, heat dissipation, and improved short circuit resistance.

Strip Winding

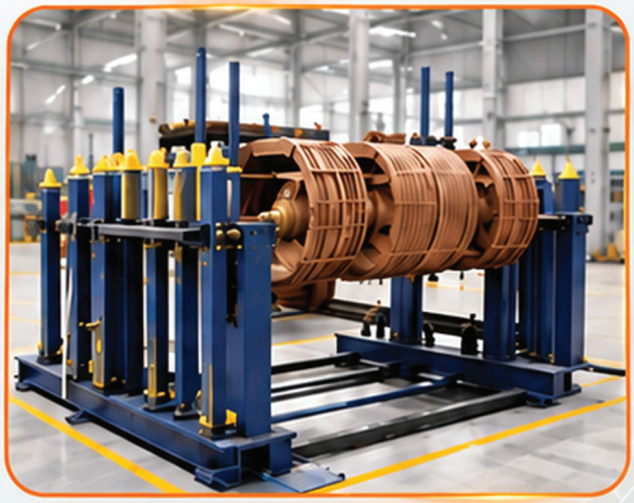
Designed for high-current applications, providing efficient thermal performance, uniform electrical stress distribution, and dependable operation under heavy loads.





Core Coil Assembly (CCA)

At Enerwave, the Core Coil Assembly (CCA) process is meticulously designed to ensure the highest levels of efficiency and reliability.The core and windings are carefully integrated, maintaining precise electrical clearances for optimal performance. The assembly is securely fastened to withstand mechanical stresses, while advanced insulation techniques enhance thermal and dielectric properties. This robust and precise CCA process ensures durability and



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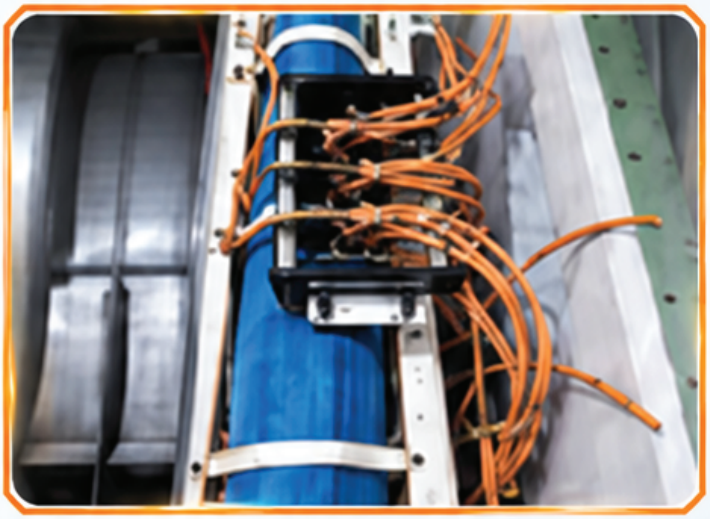
Ovening

Our facility is equipped with 2 state-of-the-art Air Drying Ovens that ensure efficient moisture removal, uniform heating, precise temperature control, and energy-efficient operation. This advanced process enhances core and coil insulation, improving the durability, efficiency, and long-term reliability of our transformers.



Tanking

At Enerwave, the tanking process ensures maximum protection and durability for our transformers. Each core-coil assembly is housed in a robust, powder coated steel tank designed to withstand environmental stress. The tanks are filled with high quality insulating oil, providing efficient heat dissipation and superior insulation. With a focus on leak-proof sealing and structural integrity, our tanking process guarantees reliable performance in even the most chal lenging conditions.



Oil Filtration Plant

We have Automatic oil filtration plant
Capacity : 3 KLpH
Insulated storage tank Capacity : 6 KL
Oil Storage tank : 25 KL



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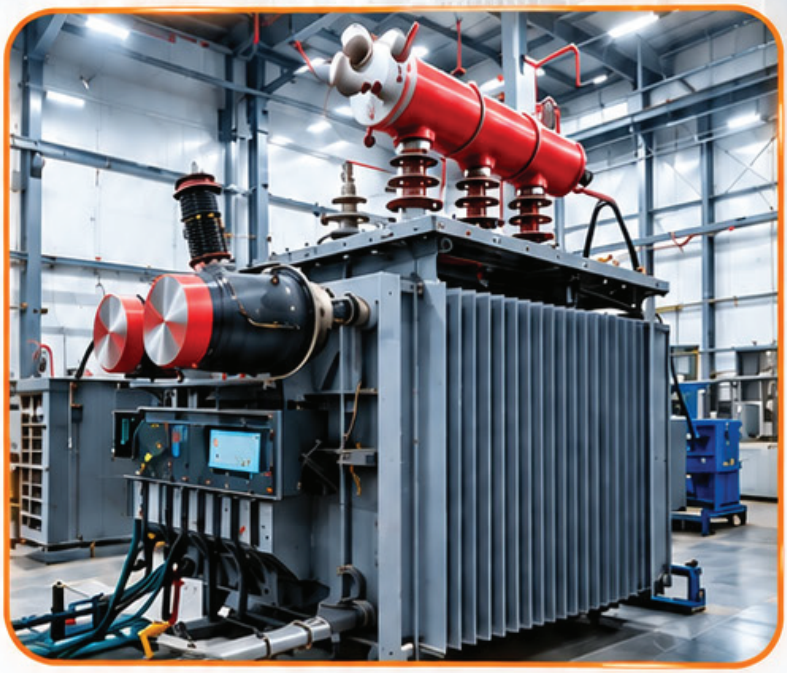
Automated Testing Facility

Automated Testing

Our facility features a fully automated testing panel with high-end accuracy.

Comprehensive Testing

1. No Load Test
2. Full Load Test
3. Ratio Test
4. Impedance Test
5. Harmonic Test
6. Winding Resistance Test
7. Insulation Resistance Test
8. DVDF Test / Induced Over Voltage Test
9. Harmonic Test



Dispatch

At Enerwave, we ensure that every transformer is carefully prepared for dispatch to meet our customers' needs Once thoroughly tested and quality checked, the transformers are securely packed using durable materials to prevent damage during transit. Our logistics team coordinates efficient delivery, ensuring timely and safe transportation to project sites. With a commitment to reliability and customer satisfaction, we prioritize seamless dispatch to ensure that our transformers arrive ready for installation and operation.



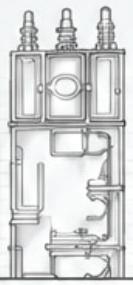
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In process Stage Testing

We Are performing Below Test at the production time for different different stages of Production

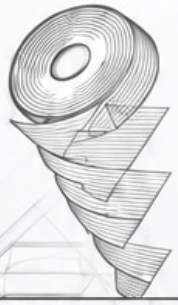
CORE STAGE

1. Stamping
2. Core Dia
3. Window Height
4. Leg Center
5. Core - Channel Insulation
6. CD Block Check



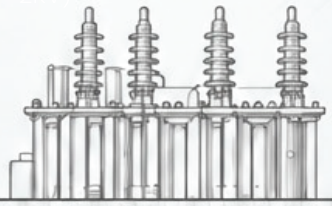
WINDING (LV/HV)

1. Conductor Bare Size
2.Covering Size
3. No of Conductors
4. Inner Dia
5. Outter Dia
6. Axial Lenth
7. No of Turns
8. No of Layer
9. Turns/Layers
10. Insulation
11. Continuty



CORE COIL ASSEMBLY

1. Insultion
2. Electrical Testing Stage- 1 (Ratio, MB, Vector Group)
3. Delta & Tapping Wire
4. Tap Switch Specification & Connection
5. Clearance Vector Group 2KV
6. Electrical Testing Stag 2 (Ratio, MB, Vector Group, 2KV)



OVENING & TANKING

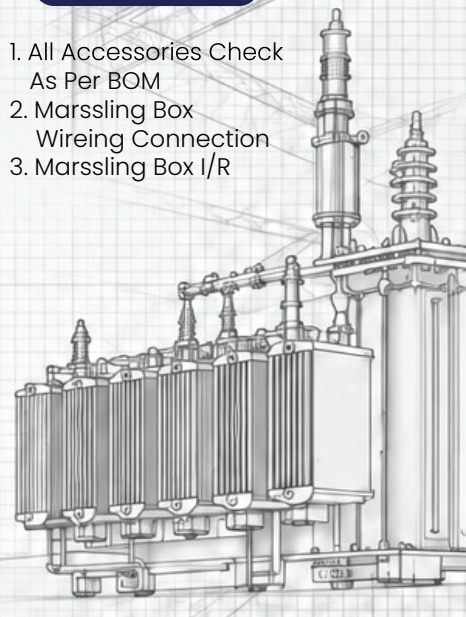
1. Electrical Testing (I/R, MB, 2KV, PT Test)
2. Clearance
3. LV & HV Bussing Rating
4. Ratio Test

TESTING

1. I/R
2. Ratio
3. MB
4. Vector Group
5.Resistance
6.Load Loss
7. No Load Loss
8. High Voltage
9. DVDF
10. After Die Electric I/R
11. Oil Leackage T

DISPATCH

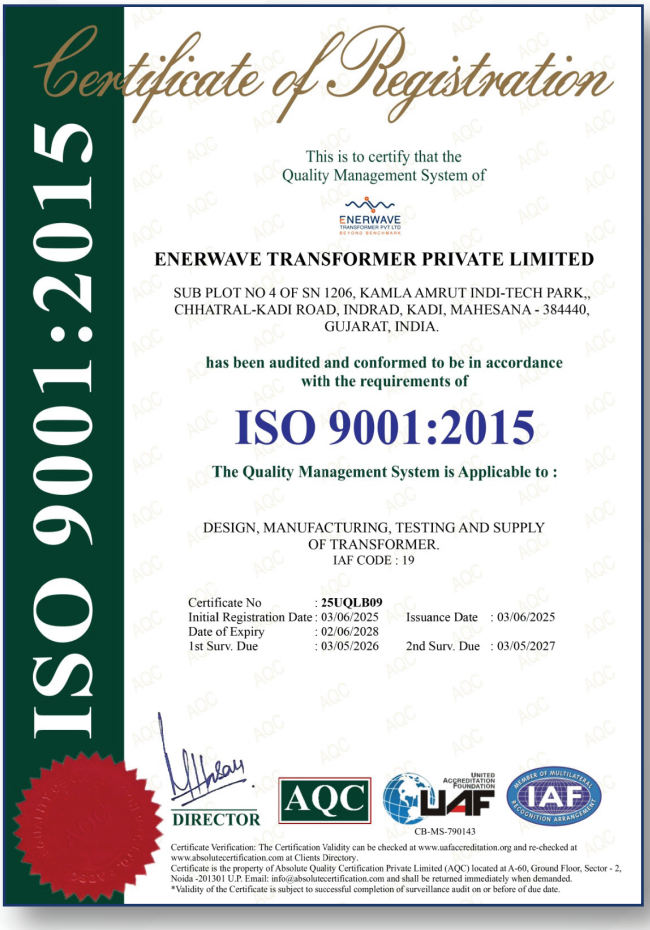
1. All Accessories Check As Per BOM
2. Marssling Box Wireing Connection
3. Marssling Box I/R



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BEYOND BENCHMARK

CERTIFICATES

RECOGNISED QUALITY.
A STRONGER TOMORROW.



ISO 9001:2015

Certificate of Registration

This is to certify that the
Quality Management System of

ENERWAVE TRANSFORMER PRIVATE LIMITED

SUB PLOT NO 4 OF SN 1206, KAMLA AMRUT INDI-TECH PARK,,
CHHATRAL-KADI ROAD, INDRAD, KADI, MAHESANA - 384440,
GUJARAT, INDIA.

has been audited and conformed to be in accordance
with the requirements of

ISO 9001:2015

The Quality Management System is Applicable to :

DESIGN, MANUFACTURING, TESTING AND SUPPLY
OF TRANSFORMER.
IAF CODE : 19

Certificate No	: 25UQLB09		
Initial Registration Date	: 03/06/2025	Issuance Date	: 03/06/2025
Date of Expiry	: 02/06/2028		
1st Surv. Due	: 03/05/2026	2nd Surv. Due	: 03/05/2027

DIRECTOR

AQC

UAF

IAF

CB-MS-790143

Certificate Verification: The Certification Validity can be checked at www.uafaccreditation.org and re-checked at www.absolutecertification.com at Clients Directory.
Certificate is the property of Absolute Quality Certification Private Limited (AQC) located at A-60, Ground Floor, Sector - 2, Noida -201301 U.P. Email: info@absolutecertification.com and shall be returned immediately when demanded.
*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date.



सूक्ष्म, लघु और मध्यम उद्यम मंत्रालय
MINISTRY OF
MICRO, SMALL &
MEDIUM ENTERPRISES

MSME Zed GOLD
ZERO DEFECT ZERO EFFECT

CERTIFICATE

ZED GOLD

under MSME Sustainable (ZED) Certification Scheme
awarded to

ENERWAVE TRANSFORMER PRIVATE LIMITED
ENTERPRISE NAME

Flat No:- SUB PLOT 4 OF SN1206, Building:- KAMLA AMRUT INDI- TECH PARK, Road/Street:- CHHATRAL , KADI ROAD, Village/Town:- CHHATRAL, Block:- 0, City:- GANDHINAGAR, GANDHINAGAR, GUJARAT-382729
UNIT ADDRESS

27-Manufacture of electrical equipment
CODE (AS PER NIC-2008)

UDYAM-GJ-09-0040094
UDYAM REGISTRATION NUMBER

Quality Austria Central Asia Private Limited
ASSESSMENT AGENCY

Issued on :
March 26, 2025

Certificate Validity :
Three years from the date of issue

Zed CERTIFICATION

Certificate No. 26032025_427725

This Certificate has been awarded after fulfilling all relevant requirements as laid down in the MSME Sustainable (ZED) Certification Scheme Guidelines for this Certification Level.
Award of this Certificate does not substitute any legal requirement needed for setting up or operating an MSME Unit.

CERTIFIED QUALITY MANAGEMINT

GOVERNMENT RECOGNIZED

INDUSTRY STANDARD COMPLIANCE

ENERWAVE
TRANSFORMER PVT LTD
BEYOND BENCHMARK



Distribution Transformers

Energy-efficient, reliable, & versatile for Multiple applications.

OLTC and OCTC

11KV and 66KV

Capacity : 200 KVA to 10,000 KVA

Best-in-class power losses

Inverter Duty I Solar Transformer

Optimized for renewable energy, enhancing efficiency and reliability.

Special design

Upto 66 KV

Foil and Strip winding

Capacity of 200 KVA to 30,000 KVA

Choice of copper or aluminium conductor

Best-in-class power losses.



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TRANSFORMER PVT LTD
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Power Transformers

High-capacity, safe, and durable for Industrial and utility use.

Upto 66 KV

Upto 30 MVA

Best-in-class power losses

Special Purpose Transformer

Customized designs to meet unique requirements with unconditional support.

Customized design

Upto 66KV

Furnace transformer

Upto 30 MVA

Traction transformer .

Best-in-class power losses



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CLIENT TESTIMONIALS

Advance Electrical Solution

★ ★ ★ ★ ★

"Enerwave Transformer has consistently delivered high-quality transformers with excellent performance and reliability. Their professional approach, timely deliveries, and responsive support have made them a trusted partner for our projects."

Bhimani Green Energy

★ ★ ★ ★ ★

The quality and efficiency of Enerwave's transformers have exceeded our expectations. Their commitment to engineering excellence and customer satisfaction has contributed significantly to the success of our renewable energy installations."

Core Solar Enterprises

★ ★ ★ ★ ★

"Working with Enerwave has been a seamless experience. Their products are built to the highest standards, and their technical team provides prompt support whenever required. We look forward to continuing this successful partnership."

Topsun Energy Ltd.

★ ★ ★ ★ ★

"From product quality to after-sales support, Enerwave has consistently demonstrated professionalism and reliability. Their transformers perform exceptionally well in demanding applications, making them a valuable partner for our business."

Sri Balaji Sun Power Energy Pvt. Ltd.

★ ★ ★ ★ ★

"Enerwave Transformer delivers dependable products backed by outstanding service. Their attention to quality, competitive pricing, and on time execution make them a preferred supplier for our power projects."

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SOME OF OUR VALUABLE CLIENTS



ENERWAVE
TRANSFORMER PVT LTD
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PAN INDIA PRESENCE

DELIVERING POWER. ACROSS EVERY CORNER.



Stay Connected

4/1206 ,Kamla Amrut Indi-tech park Chhatral,
Kadi Rd, Kadi, Gujarat 382715

+91 91739 73130

info@enerwave.in

www.enerwave.in

Enerwave Transformer PVT LTD Beyond Benchmark