KRYFS

Hamesha Kaizen

Empowering Tomorrow with Reliable, High-performance and Smart Transformers.







POWER TRANSFORMERS | DISTRIBUTION TRANSFORMERS |
INVERTER DUTY TRANSFORMERS | CORE ASSEMBLY | HERMETICALLY SEALED TRANSFORMERS

Serving the Power Sector since 1992

Our 7H Values

Honesty | Humility | Humanitarian Approach

Strategic Alliance

TOYOTA TSUSHO CORPORATION

Toyota Tsusho Corporation is a strategic partner of KRYFS since May 2012.

About KRYFS

KRYFS is India's leading Transformer Core manufacturing company with a capacity to convert 50,000 MT per annum of CRGO Electrical Steel into transformer laminations and cores.

Today, KRYFS services the entire value chain of energy supply from generation (of Solar Power), Transmission (through its EPC business) to distribution (through the manufacture of transformers, cores, and fabrication) and employs over 1400 people, all over India.

KRYFS has twelve manufacturing facilities for manufacturing of distribution and medium power transformers up to 10 MVA, 33 kV class, laminations, transformer cores, transformer tanks, and lifting slings. Five units are located at Kherdi, Union Territory of Dadra and Nagar Haveli, one unit at Palghar, Maharashtra, Four units in Savli, Gujarat, and two in Bhopal, Madhya Pradesh.

Vision

Our vision is to positively contribute to the growth and development of all our stakeholders which includes society, employees, customers, suppliers and shareholders, by operating businesses that are profitable, sustainable and environmentally friendly.

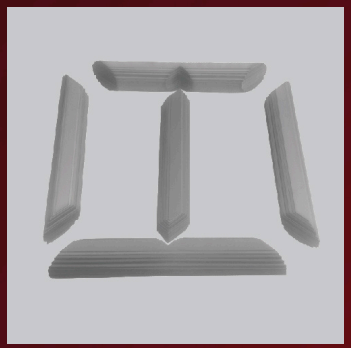
KRYFS Group: A synopsis

- Established in December 1992
- Exports to more than 40+ countries globally:
  CRGO Laminations, Built Core, Torroidal Core,
- Unicores, Distribution Transformers, CT (Active Part)
- Power and Distribution Transformers upto 33 kV class
- Stringing T+P's for Transmission Projects
- IoT based TMS BOLA
- EPC
- Solar Rooftop
- Material Handling
- Rigging Tools and Tackles

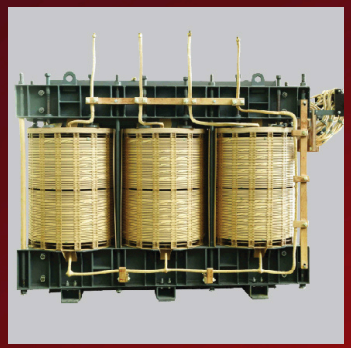
www.kryfs.com

Helpful Nature | Hard Work | Happy Outlook | Hamesha Kaizen

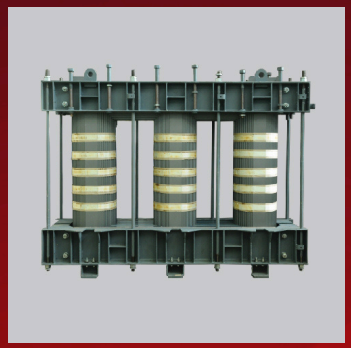
KRYFS GROUP BUSINESSES



CRGO Lamination
Upto 1200 KV Class & Upto 1040 mmLaminations width



CRGO Coil Assembly
Upto 132 KV Class & Upto 50 MT



CRGO Core Assembly
Upto 50 MT



Transformers
Upto 33 KV Class



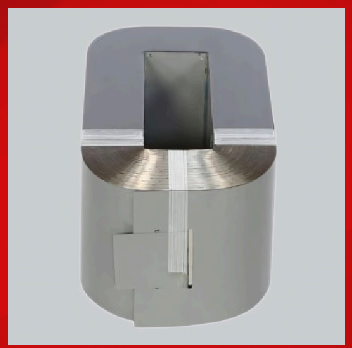
Transformer Tanks
Upto 1200 KV Class



Engineering, Procurement & Construction



Rooftop Solar



Amorphous Cores



Material Handling



IoT based TMS BOLA

KRYFS is proud to have over 1400 employees who form a dedicated family committed to serving our customers. Our work is driven by the 7H values, which are at the core of everything we do as KRYFSians.

Power Transformers | Inverter Duty Transformers | Distribution Transformers | Hermitically Sealed Transformers

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Our 7H Values

Honesty | Humility | Humanitarian Approach

KRYFS: A Leading Transformer Manufacturer

KRYFS is a renowned manufacturer specializing in high-quality transformers, including:

- Power Transformers: Up to 10 MVA, 33 kV class
- Distribution Transformers: Star-rated BEE and high-efficiency
- Inverter Duty Transformers

Our state-of-the-art facilities in Silvassa and Vadodara produce a wide range of transformers which are

- Type-tested in NABL accredited labs
- BIS-approved for quality and safety

Key Features & Benefits

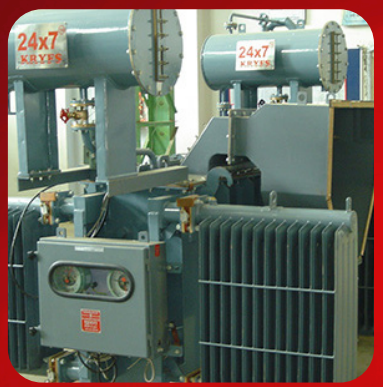
- Approved Supplier: We are an approved supplier for NTPC (Solar) and Sakhar Sankul (Sugar Industry of Maharashtra).
- We Supply all our transformer with an IOT device to monitor transformer health.
- Wide Customer Base: We collaborate with major EPC players in India.
- Supplying to more than 9 states across India.
- Comprehensive Services: We offer annual maintenance contracts (AMCs) for transformers of all brands and ratings.

Power Transformers



Power Transformers up to 10000 KVA (10 MVA) 33 kV class, Oil filled Transformers (ONAN). Successfully conducted type test from 3.15, 5, 8 and 10 MVA, 33/11 kV Power transformer at CPRI and ERDA.

Distribution Transformers



Distribution Transformers up to 3000 kVA (3MVA) 33 kV class, Oil filled Transformers (ONAN). Successfully conducted type tested from 10 kVA to 315 kVA, 11/ 0.433 Star Rating Transformers.

Inverter Duty Transformers



Inverter Duty transformers, three-winding, four-winding, five-winding & auxiliary transformers for solar power plants.
We successfully type-tested 5 MVA 33/4 x 0.380 kV & 750 kVA 11/2 x 0.72 kV Inverted Duty transformers.

Hermetically Sealed Transformers



From 250 kVA up to 2500 kVA (2.5 MVA) 33 kV class, Oil Filled Hermetically Sealed Distribution Transformers (ONAN), mainly used in Compact (CSS) / Package (PSS) / Unitized (USS) Substations, Smart Cities, etc. We have successfully type tested 630 kVA 11/0.433 kV Hermetically Sealed Transformer at ERDA.

PRODUCTS

मानक: पथप्रदर्शक:
Bureau of Indian Standards

भारतीय मानक ब्यूरो
Bureau of Indian Standards
(उपभोक्ता मामले, खाद्य और सार्वजनिक वितरण मंत्रालय)
भारत सरकार
(Ministry of Consumer Affairs, Food and Public Distribution)
Government of India

Helpful Nature | Hard Work | Happy Outlook | Hamesha Kaizen

Successful Projects:

Inverter Duty Transformer: Successfully supplied to ACME solar plants in Telangana, Mahindra Solarize in Kerala & West Bengal.

KRYFS has supplied over 1300 Nos. of Power Transformers for projects in UP, Maharashtra, Bihar, Gujarat, Orissa, West Bengal, MP, Meghalaya and Rajasthan.

KRYFS is committed to providing reliable, high-quality transformers and exceptional customer service.

Brands Who Trust Us

TATA POWER-DDL Towards a Greener Tomorrow | THERMAX | ASHOKA | EMMVEE | Godrej | ALOK INDUSTRIES LIMITED | BLUE JET HEALTHCARE | Wellknown POLYESTERS LTD.

ADITYA BIRLA HINDALCO | ACME Leading Through Innovation | Schneider Electric | mahindra SOLARIZE | NCC | CABCON Powering Generations | PEE VEE TEXTILES LIMITED | MADURA INDUSTRIAL TEXTILES

MITCON Solutions for Sustainable Tomorrow | ib vogt | STERLING & WILSON | LARSEN & TOUBRO | thyssenkrupp | Lumino Industries Ltd. | KLJ | artis TECHNICAL TEXTILE PVT. LTD.

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Our 7 H Values

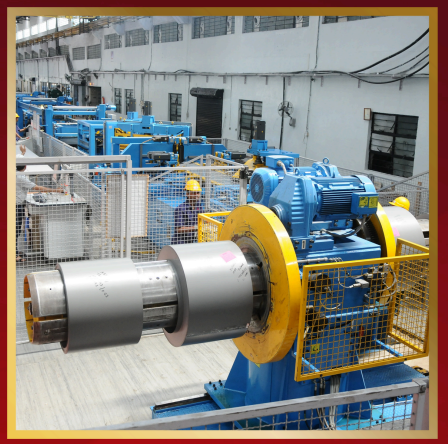
Honesty | Humility | Humanitarian Approach



Brockhaus Single Sheet Testing



MORA Scale



Automated Georg (German) CNC line for cutting & auto stacking



State of the art facility



Brockhaus Franklin Testing



World Class Testing Facilities



Auto Clave Oven



World Class Manufacturing Process

ISO 9001: 2015, ISO 14001: 2015, ISO 45001: 2018 Certified Company

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Type Tested at CPRI & ERDA

Power Transformers

Customer/State	Rating (KVA)	Voltage Class	No Load Loss	Load Loss	Impedance	Temp. Rise (°C)	Tap Changer and Tapping Range	
Uttar Pradesh	10000	33 / 11 kV	7 kW	50 kW	8.35	45/50	OCTC	+5% to -15% in steps of 2.5%
West Bengal	10000	33 / 11 kV	7 kW	50 kW	8.35	50/55	OLTC	+5% to -15% in steps of 1.25%
Bihar	10000	33 / 11 kV	7 kW	50 kW	8.35	40/45	OCTC	+5% to -15% in steps of 2.5%

Distribution Transformers - As per IS 2026

Customer/State	Rating (KVA)	Voltage Class	No Load Loss	Load Loss	Impedance	Temp. Rise (°C)	Tap Changer and Tapping Range	
Private	10000	11/3.45 kV	9 kW	72 kW	9	40/45	OCTC	+5% to -5% in steps of 2.5%
Private	5000	11/3.45 kV	5.5 kW	36 kW	7	40/45	OCTC	+5% to -5% in steps of 2.5%
Private	2000	11/3.45 kV	2.4 kW	17 kW	6	40/45	OCTC	+5% to -5% in steps of 2.5%

Distribution Transformers - As per IS 1180

Customer/State	Rating (KVA)	Voltage Class	Losses @ 50% Load	Losses @ 100% Load	Impedance	Temp. Rise (°C)	Tap Changer and Tapping Range	
Private	2500	11/0.433 kV	5900 Watts	17500 Watts	6.25	40/45	OCTC	+5% to -10% in steps of 2.5%
Private	2000	11/0.433 kV	5050 Watts	15000 Watts	6.25	40/45	OLTC	+10% to -10% in steps of 1.25%
Private	2000	11/0.415 kV	4790 Watts	14100 Watts	6.25	40/45	OLTC	+12% to -12% in steps of 1.5%
NTPC	2000	3.3/0.433 kV	4790 Watts	14100 Watts	10	40/45	OCTC	+5% to -5% in steps of 2.5%
Private	1600	11/0.433 kV	4200 Watts	11800 Watts	6.25	40/45	OLTC	+10% to -10% in steps of 1.25%
Private	1250	11/0.415 kV	3220 Watts	8400 Watts	5	40/45	OLTC	+12% to -12% in steps of 1.5%
Private	1000	11/0.433 kV	2790 Watts	7700 Watts	5	40/45	OCTC	+5% to -10% in steps of 2.5%
NTPC	1000	11/0.433 kV	2620 Watts	7000 Watts	5	40/45	OCTC	+5% to -5% in steps of 2.5%
NTPC	1000	6.6/0.433 kV	2620 Watts	7000 Watts	5	40/45	OCTC	+5% to -10% in steps of 2.5%
NTPC	1000	3.3/0.433 kV	2620 Watts	7000 Watts	5	40/45	OCTC	+5% to -5% in steps of 2.5%
Private	800	11/0.415 kV	2287 Watts	6403 Watts	5	40/45	OLTC	+9% to -15% in steps of 1.5%
Private	630	11/0.433 kV	1860 Watts	5300 Watts	4.5	40/45	No Tap	-
NTPC	630	6.6/0.433 kV	1745 Watts	4850 Watts	4.5	40/45	OCTC	+5% to -10% in steps of 2.5%
Private	500	11/0.433 kV	1510 Watts	4300 Watts	4.5	40/45	OCTC	+7.5% to -7.5% in steps of 2.5%
Private	315	11/0.433 kV	1025 Watts	3100 Watts	4.5	40/45	OCTC	+5% to -10% in steps of 2.5%

Inverter Duty Transformers

Customer/State	Rating (KVA)	Voltage Class	No Load Loss	Load Loss	Impedance	Temp. Rise (°C)	Tap Changer and Tapping Range	
Private	5000	33/4x0.38 kV	5 kW	44 kW	6.4	50/55	OCTC	+5% to -5% in steps of 2.5%
NTPC	750	11/2x0.72 kV	1 kW	4 kW	4.5	40/45	OCTC	+5% to -5% in steps of 2.5%

Hermetically Sealed Transformers

Customer/State	Rating (KVA)	Voltage Class	Losses @ 50% Load	Losses @ 100% Load	Impedance	Temp. Rise (°C)	Tap Changer and Tapping Range	
Private	630	11/0.433 kV	1860 Watts	5300 Watts	4.50%	40/45	OCTC	+5% to -10% in steps of 2.5%

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GLOBAL EXPORTS TO 40+ COUNTRIES



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