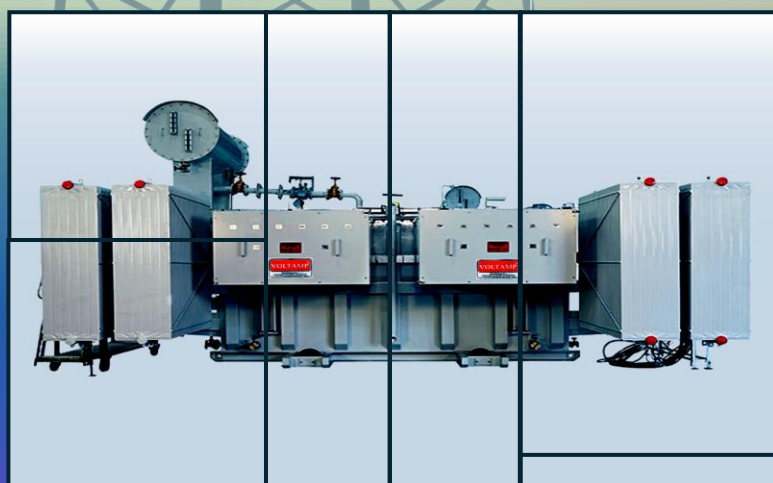


Since  
1960

**VOLTAMP<sup>®</sup>**

*The name for quality, reliability & longevity.*

**VOLTAMP<sup>®</sup> – Powering Every  
Electrical Possibility Since 1960.**



# **COMPANY PROFILE**

## VOLTAMP® Electricals Private Limited

*Established Legacy. Engineered Excellence.*

Founded in 1960 as a partnership firm and incorporated as a private limited company in 1966, VOLTAMP® Electricals Pvt. Ltd. is one of India's most trusted and pioneering transformer manufacturers. Helmed by a team of highly qualified Electrical and Electronics Engineers, the company brings over six decades of expertise in transformer design and manufacturing.

VOLTAMP® was among the first to adopt and register the brand name "VOLTAMP" (Reg. No. 465830, dated 09.01.1987), which now stands as a hallmark of quality and reliability across the nation.

Driven by a customer-centric philosophy, VOLTAMP® has consistently aligned its growth with that of its clients—earning a reputation for excellence, precision, and enduring partnerships.

The company is officially registered with:

- Directorate of Industries, Government of West Bengal
- Joint Chief Controller of Import & Export, Government of India
- Federation of Small & Medium Industries, Kolkata



## **QUALITY**


### Product Quality Assurance

VOLTAMP® Electricals Pvt. Ltd. follows an ISO 9001-certified Quality Management System, ensuring meticulous control across all manufacturing stages. Each process—from winding to oil filling—is validated through rigorous inspections and documented procedures to ensure design compliance and precision.

Materials are sourced from approved vendors and tested against VOLTAMP®, BSI, and IEC standards. Continuous audits and process reviews uphold consistency, traceability, and total customer satisfaction.

## **PRODUCTS**



Type	Oil	Dry
<b>1. Distribution Transformer</b> 	<ul style="list-style-type: none"> <li>• IS 1180, BEE Star, IS 2026, IEC 60076, NEMA, SANS 780, EN 50588-1, others</li> <li>• 11kV / 22kV / 33kV (with/without OLTC, RTCC, AVR) on HV.</li> <li>• 415V to 11KV as per requirement on LV</li> <li>• 25 kVA – 2500 kVA</li> <li>• ONAN, KNAN (Mineral/Synthetic Ester Oils)</li> </ul>	<ul style="list-style-type: none"> <li>• IS 11171, IEC 60076, IS 2026</li> <li>• 11kV / 22kV / 33kV (with/without OLTC, RTCC, AVR) on HV.</li> <li>• 415V (3-phase) / 230V (1-phase) on LV</li> <li>• 25 kVA – 2500 kVA</li> <li>• Vacuum Impregnated or Resin Cast</li> <li>• AN (Air Natural), ANAF (Air Natural Air Forced)</li> </ul>



## 2. Power Transformer



- IS 2026, IEC 60076, EU Reg 548/2014, EN 50708 Series, others
- Up to 33kV or higher as per requirement (with/without OLTC, RTCC, AVR) on HV.
- Up to 33kV or higher as per your requirement on LV.
- Up to 20 MVA
- ONAN, KNAN (Mineral/Synthetic Ester Oils)

- IS 11171, IEC 60076,
- 11kV / 22kV / 33kV (with/without OLTC, RTCC, AVR) on HV.
- Up to 11 KV on LV
- 10 kVA – 2500 kVA
- Vacuum Impregnated or Resin Cast
- AN (Air Natural), ANAF (Air Natural Air Forced)

## 3. Compact Sub-station (CSS)



- IS 14786:2000 for CSS; IS 1180, IS 2026, IEC 60076 for transformer; IS 13947 (Part 1 to 6) for LT side; IS 3427:2007 for HT switchgear, EU Reg 548/2014, EN 50708 Series, others.
- Up to 33kV (with/without OLTC, RTCC, AVR) on HV.
- Up to 11kV on LV.
- Up to 2500 KVA
- ONAN, KNAN (Mineral/Synthetic Ester Oils)
- HV panel, VCB, RMU etc. of repute make.
- LV panel, ACB, Metering Unit etc. of repute make.

- IS 14786:2000 for CSS; IEC 60076, IS 11171 for transformer; IS 13947 (Part 1 to 6) for LT side; IS 3427:2007 for HT switchgear.
- 11kV / 22kV / 33kV (with/without OLTC, RTCC, AVR) on HV.
- Up to 11kV on LV.
- Up to 2500 KVA
- Vacuum Impregnated or Resin Cast
- AN (Air Natural), ANAF (Air Natural Air Forced)
- HV panel, VCB, RMU etc. of repute make.
- LV panel, ACB, Metering Unit etc. of repute make.

### ❖ Other Transformers, designed for you:

1. Inverter Duty Transformer
3. Furnace Transformer
5. Earthing Transformer
7. High-current Transformer

2. Mining Transformer
4. Scott-T Transformer
6. Traction Transformer
8. Rectifier



Dry type Transformer



Earthing Transformer



Mining Transformer



Furnace Transformer



Scott-T Transformer

\*\*\*We are manufacturing our products with 99.99% pure electrolytic grade copper and CRGO, M4 grade or better core.

### ❖ AVR AND ISOLATORS:

1. Survo Controlled Voltage Regulator



2. HT Isolator



IS Specifications No.	Specifications for
IS: 1180	Distribution Transformer
IS: 2026 (Part I to IV)	Power Transformer
IS 11171	Dry Type Transformer
IS 335	Transformer Oil (Mineral)
IS 2705	Current Transformer
IS 3156	Voltage Transformer
IS 3151	Earthing Transformer
IS 3347	Porcelain Bushing
IS 3637	Gas Operated Relay
IS 6600	Loading of Oil-immersed Transformer
IS 1271	Thermal evaluation and classification of electrical insulation.

Routine Tests Carried as per ISS	Type Tests (Optional)
Ratio Test	Temperature Rise Test
Vector Group Test	Impulse Test
Winding Resistance	Short Circuit Test
Insulation Resistance	Noise Level Test
Applied High Voltage Test	
Induced high voltage test	
No-load test (for measurement of no-load power loss & current)	
Short-circuit test to measure copper loss	
Dielectric test on oil	

Service	Power/Distribution																		
Core	Cold Rolled Grain Oriented (CRGO) type grade ZDKH700, ZDKH85D, ZDKH75D, 23MOH, M-3, M-4, Thickness 0.20mm/0.23 mm/0.27 mm.																		
Type of conductors	Electrolytic Copper -99.9% purity																		
Class of insulation	A-paper, Super enamel. B.E.F.H.C – Nomex Paper, Glass, Super Enamel																		
Type of cooling	Natural Air Cooled - AN/Oil Cooled - ONAN Forced Air Cooled ONAF																		
Type installation	Indoor/Outdoor																		
Phase	Single/Three Phase																		
Frequency	50 Hz																		
Type of connection	Delta/Star, Star/Delta, Scott, wye wye etc. (According to customer's specifications)																		
Class of insulation maximum temperature rise	<table><tr><td>A</td><td>E</td><td>B</td><td>F</td><td>H</td><td>C</td></tr><tr><td>50°C</td><td>65°C</td><td>70°C</td><td>90°C</td><td>115°C</td><td>140°C</td></tr><tr><td colspan="6">-above ambient temperature</td></tr></table>	A	E	B	F	H	C	50°C	65°C	70°C	90°C	115°C	140°C	-above ambient temperature					
A	E	B	F	H	C														
50°C	65°C	70°C	90°C	115°C	140°C														
-above ambient temperature																			

## CONTACT

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[sales@voltamp.com](mailto:sales@voltamp.com)

**\*\* VOLTAMP is our exclusively registered trademark (No. 465830, dated 09/01/1987, Govt. of India, Trade Mark Registry). We have not granted any license or permission to any entity to manufacture, distribute, or use the VOLTAMP brand. Any unauthorized use will be treated as a serious trademark infringement and prosecuted to the fullest extent of the law.**