


dynalektric [®]
POWER | MOTION | SAFETY



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About Dynalektric

Dynalektric Equipment Private Limited (DEPL) is envisioned to be a high-technology product & solution provider for Transformers (Dry-Type VPI based Oil Cooled), Control Transformers, Distribution Oil Cooled Transformers, Power Transformers, Chokes, Reactors, Inductors, and Control Panel assemblies in the field of Railways, Renewable Energy, Heavy and Automotive Industries.

We are a DPIIT (Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India) certified company (Certificate No DIPP60594) under STARTUP INDIA in the field of Technology Hardware Industry and manufacturing. We are ISO Certified by TUV SUD. We are also a certified MSME as a Manufacturing Enterprise under Udyog Aadhaar (UAM No. KR0380122808).

Vision

Dynalectric aspires to be a leader in all ventured sectors, seizing opportunities, and investing in the future. We seek to create benchmarks globally for quality, reliability, and customer satisfaction by endlessly raising our standards consistently anticipating the requirements of our customers, and exceeding their needs and expectations.

Our goal is to challenge ourselves every day making improvements in all our activities. We strive to achieve our goal by working together with a diverse team, bringing our skills to the forefront.

Inspired by "The Toyota Way".

Mission

Our commitment is to deliver the most innovative smart solution with best-in-class quality at a reasonable price, ensuring customer delight. Our products are aimed to deliver high performance throughout the products' service life with minimum to zero "downtime and reduced operational edits".

Our Promise

We, at Dynalektric have the attributes expected from any world-class manufacturing company. What makes us stand out amongst our competition is our commitment and passion for achieving the highest standards of quality in all our product offerings, using customer insight and feedback to develop the most innovative and relevant solutions. We ensure the delivery of high-quality solutions to all our Customers, going above and beyond.

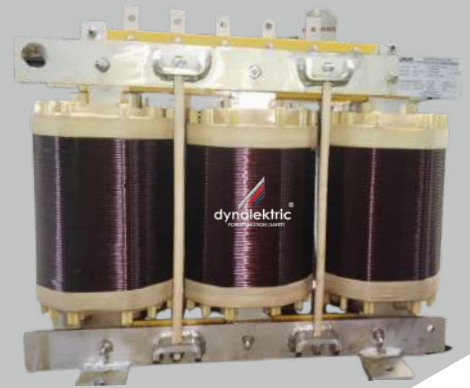
We will be to all our customers Objective, Unbiased, Honest, and Transparent.

OUR PRODUCTS

DRY TYPE TRANSFORMER

Dynalektric specializes in manufacturing an exciting range of Vacuum pressure-impregnated (VPI) transformers suitable for distribution and industrial applications. Our transformers are meticulously designed and manufactured to meet the specific requirements of our customers. We strictly adhere to internationally recognized standards such as IS and IEC, ensuring the highest level of quality and reliability in all industrial applications.

Rating	50 VA to 2 MVA
Voltage Class	Up to 33 KV
Frequency	50/60 Hz
No of Phase	Single & Three Phase
Cooling	AN/AF
Vector Group	As per customer requirement
Winding Material	Aluminum/Copper
Tapping	OCTL, OCTC, OLTC
Insulation Class	F, H, C
Applicable Standards	IS11171, IEC60076



FEATURES

- ◆ Impregnation process is automatic, and it ensures void-free insulation
- ◆ Multiple voltages on the primary and secondary side to suit customer requirements
- ◆ Suitable for harmonic loading
- ◆ Windings can be customized as per customer specification

OIL COOLED TRANSFORMER

Dynalektric manufactures a wide range of added transformers designed to meet customer specifications as per IS and IEC standards and provide reliable service. The range includes transformers up to 5 MVA 33 KV class.

Rating	5 KVA to 5 MVA
Voltage Class	Up to 33 KV
Frequency	50/60 Hz
No of Phase	Single & Three Phase
Cooling	ONAN/ONAF
Vector Group	As per customer requirement
Winding Material	Aluminum/Copper
Tapping	OCTC, OLTC
Insulation Class	A
Insulation Fluid	Mineral Oil/Silicon/Ester fluid
Applicable Standards	IS2026, IS1180, IEC60076



FEATURES

- Designed to meet National/International standards
- Mineral Oil as per IS 335
- Windings can be customized as per customer specification
- Losses as per IS & Customer Requirements
- Core Step lap construction to ensure low noise and low loss

CHOKES AND REACTORS

Dynalektric manufactures both AC & DC chokes, chokes manufactured at Dynalektric provide high levels of performance and always withstand the toughest of conditions. The chokes are light in weight and guarantee a longer life. With easy maintenance and affordable pricing, these chokes are gaining popularity. Dynalektric also manufactures Inductors/reactors for various applications like UPS, Motor Drives Traction, Solar, Wind Energy Segments, etc.

Application	Power Electronics & Distribution Networks
Inductors	1-Phase and 3-Phase
Current Rating	Up to 900A
Rated Frequency	50Hz/60Hz

FEATURES

- ◆ 1-Phase and 3-Phase Inductors
- ◆ Line Inductors
- ◆ Inverter/Converter Line Chokes
- ◆ Detuned Reactors for Power factor correction
- ◆ Filter Chokes
- ◆ Balancing Reactors
- ◆ Smoothing Reactors
- ◆ Air Core Chokes
- ◆ Input Choke for Drives
- ◆ DC Chokes & Rectifiers
- ◆ Output Choke for Drives
- ◆ AC Harmonic and Ripple Filter.



FURNACE TRANSFORMER

A Furnace transformer supplies power to Electric Arc Furnace and hence must handle extremely high currents of kA depending upon furnace ratings. Furnace transformers are designed and manufactured by Dynalektric are capable of withstanding high Electrical and Thermal stresses due to high currents.

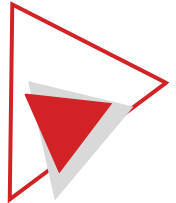
Rating	Up to 5 MVA
Primary Voltage	Up to 11kV
Secondary Voltage	As per requirement
No of Phase	Single & Three Phase
Cooling	ONAN/OFAF
Vector Group	As per customer requirement
Winding Material	Aluminum/Copper
Tapping	OCTC or OLTC
Insulation Class	A, F, H
Applicable Standards	IS2026, IEC60076



FEATURES

- Very High currents as compared to Conventional transformers
- Provides large low voltage variation to suit furnace application
- Withstand harmonics generated due to rectifier, and furnace operation
- Can be provided with Off circuit tap changer and an on-load tap changer

Certifications and Approvals



Ministry of Micro, Small and Medium Enterprises,
Government of India



RDSO

Research Design & Standards Organisation



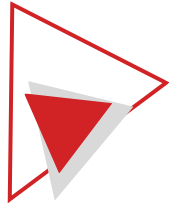
#startupindia



Customers



FIMER



Bloomenergy®

||| SCHAFNER





Royal Infraconstru Ltd



Royal is a dynamic and enthusiastic engineering contracting and project management company has grown to a management player in the civil construction industry. Royal has a proud track record of success in construction markets, providing technical solution for many complex Infrastructure project, notably bridges, highways, rail system and irrigation.

Patil Group



Patil Group started its operation in 1933 from Gulbarga, along with partnership with Indian Railways continuing for more than three decades. The Group is one of the leading companies inn Railway track Engineering and the Group has its activities spread in the various areas of manufacturing and technology catering to the indian as well as Global Rail and Metro markets.

Pride Group



The Pride Group has been a leader in developing state-of-the-art commercial and residential projects, having been consistently transforming cityscapes across Pune, Mumbai and Bangalore, since its inception in the mid 1990's.





CONTACT US

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