

PRODUCT BROCHURE · MANUFACTURED IN MUMBAI, INDIA

Transformer Rectifier Manufacturer in Mumbai

Transformer rectifier units engineered and wound in Mumbai — matched transformer, stack and control for plating, process and traction DC loads.

A transformer rectifier unit is only as good as the match between its transformer, its rectifier stack and its control. We design and build all three together, which keeps losses, heating and ripple predictable at full load.

Matched transformer and stack design

The transformer is wound for the exact secondary voltage the process needs, so the stack is not asked to burn off surplus voltage as heat. That single decision usually accounts for the biggest efficiency difference between units of the same rating.

Applications

Transformer rectifiers serve plating and anodising lines, electrowinning, cathodic protection, traction and general industrial DC supply.

- Electroplating and metal finishing lines
- Cathodic protection systems
- Industrial DC process supply
- Battery charging and traction duty

Manufactured and tested in-house

Winding, assembly, wiring and load testing all happen at our Mumbai works, so the unit that ships has been run at rating before it leaves.

Typical Specifications

Output current range	50 A to 10,000 A DC (higher on request)
Output voltage range	6 V, 12 V, 18 V, 24 V, 36 V and custom
Input supply	415 V $\pm$ 10%, 3 phase, 50 Hz (single phase for small units)
Cooling	Air cooled, oil cooled or water cooled
Control	Thyristor / SCR, IGBT or SMPS with digital metering
Protection	Over-current, over-temperature, phase failure, short circuit

Frequently Asked Questions

What is a transformer rectifier unit?

It combines a step-down transformer with a rectifier stack and control in one enclosure, converting incoming AC mains to the regulated DC your process needs.

Do you wind the transformers yourself?

Yes, transformers are wound and tested at our Mumbai facility as part of the complete unit.

Can you match a unit to an existing installation?

Yes. Share the existing rating, footprint and busbar arrangement and we will build a drop-in replacement.

Request a Quotation

Works: Babulal Compound, Kama Estate, Walbhatt Road, Goregaon East, Mumbai, Maharashtra 400063

Branch: Plot No. 6/245, Survey No. 52/2A-2, Umar Compound, Near Express Highway, Sopara Phata, Pelhar, Vasai, Dist. Palghar, Maharashtra 401208

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