

PRODUCT BROCHURE · MANUFACTURED IN MUMBAI, INDIA

Electroplating Rectifier Manufacturer in Mumbai

Guddu Rectifiers manufactures electroplating rectifiers in Mumbai since 2004 — 50 A to 10,000 A DC, air/oil cooled, SCR and IGBT control. Get a factory quotation.

We build electroplating rectifiers at our Goregaon East works in Mumbai and supply plating shops across Maharashtra and India. Every unit is sized to the bath area, current density and duty cycle of your line rather than to a fixed catalogue rating.

How we size a plating rectifier for your bath

Plating current is driven by the total surface area in the tank and the current density your chemistry requires. We ask for tank size, jig or barrel loading, plating chemistry and daily shift hours, then quote a rectifier with headroom for peak load rather than one that runs at 100% continuously.

- Bath chemistry: zinc, nickel, copper, chrome, tin, gold or silver
- Loading method: rack/jig plating or barrel plating
- Required current density in A/dm² and total work area
- Shift pattern and ambient temperature at the installation

Control technology options

SCR/thyristor control remains the workhorse for high-current plating lines because it tolerates dust, heat and mains variation. IGBT and SMPS units are lighter, more efficient and better suited to precision or decorative work where ripple must stay low.

Installation and service in the Mumbai region

Because manufacturing, testing and service are handled in-house, spares and repairs are available directly from the people who built the unit. We serve Goregaon, Andheri, Bhiwandi, Thane, Navi Mumbai, Vasai and Palghar, and dispatch to plants across India.

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 size electroplating rectifier do I need?

Multiply the total work area in the bath by the current density your plating chemistry requires, then add roughly 20-30% headroom. Send us your tank dimensions and chemistry and we will calculate the rating for you.

Do you supply rectifiers outside Mumbai?

Yes. We manufacture in Goregaon East, Mumbai and dispatch across Maharashtra and the rest of India, with a branch facility at Vasai, Dist. Palghar.

Can the rectifier be customised for my existing panel?

Yes. Output rating, cooling method, metering, busbar orientation and panel dimensions are all built to order.

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, Palghar, Vasai, Dist. Palghar, Maharashtra 401208

Phone: +91 98209 20707 | +91 98923 63920 | +91 98921 87824

Email: info@guddurectifiers.in | **Web:** <https://www.guddurectifiers.in>

Keywords: electroplating rectifier manufacturer in Mumbai, plating rectifier manufacturer Mumbai, electroplating rectifier price, electroplating rectifier supplier Maharashtra, plating rectifier for zinc, nickel and copper baths