

Silicon Power Rectifiers

JINDAL'S Rectifiers are designed for continuous rated current with adequate margin of safety. These are capable of working at 100% load factor.

ADVANTAGES

- ✧ Step-less On-Load Voltage Regulator
- ✧ Designed for 100% continuous load
- ✧ Nil Waveform distortion
- ✧ High Efficiency of up to 97%
- ✧ Virtually zero maintenance

APPLICATIONS

- ✧ Electroplating / Electro-polishing
- ✧ Metal mining, refining & extraction
- ✧ Furnace & Heating systems
- ✧ Metal & glass melting
- ✧ Effluent Treatment plants
- ✧ Production of Hydrogen gas
- ✧ Production of Chlorine gas
- ✧ Variable speed drives
- ✧ Anodizing plants
- ✧ Etching
- ✧ Electrophoresis coating plants
- ✧ Heating Lehrs
- ✧ Annealing processes
- ✧ Chemical electrolytic processes



RIJ ELECTRICALS

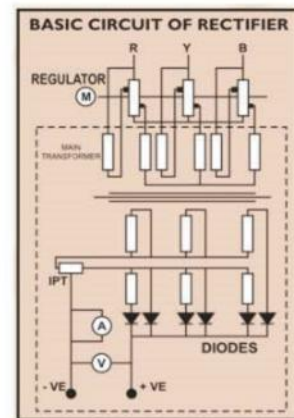
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SPECIFICATIONS

The standard model conforms to the following specifications:

- **Output Voltage:** From zero to max. rated D.C. voltage (upto 1000 Volts)
- **Output Current:** From zero to max. rated D.C. current (upto 30000 Amps)
- **Input Voltage:** 415V, 3-phase, 50 Hz, A.C.
- **Natural Oil cooled**
- **Modes of Operation : Manual Control**
 - Electrical with the help of push buttons
 - Mechanical with the help of T-Handle
- **Ripple Content: Less than 5%**
 - Model with 1% ripple available as optional feature
- **Efficiency :**

12 V Rectifier:	82%
24 V Rectifier:	90%
100 V Rectifier:	94%
200 V Rectifier:	96%
250 V and above:	>97%



Note: Non-standard models are also available against specific requirements.

OPTIONAL FEATURES:

- Constant Voltage Controller (CVC)
- Constant Current Controller (CCC)
- D.C. Overload Trip system
- Zero Run Down system
- Programmable Ramping Arrangement
- Signal Isolators to enable automation / PLC compatibility



RIJ ELECTRICALS

The JINDAL'S Guarantee

JINDAL'S

At **JINDAL'S**, we believe that customer satisfaction is a result of quality products complemented through a team of talented and skilled professionals in the power industry.

Our unmatched experience, commitment and network made us the first organization in the industry to offer an '**UNCONDITIONAL FIVE YEARS GUARANTEE**'. We do not charge anything for spares & service during this period. Visits to anywhere within India are undertaken free of cost in the guarantee period.



The **JINDAL'S** promise of Quality, Service & Commitment guarantees you **Total Peace of Mind** in all times to come. And we can proudly say that in more than four decades of our existence, we do not have a single dissatisfied customer.



**Customer
Satisfaction Guaranteed**

No wonder we end up installing three to four Equipments every day!

JINDAL'S believes in helping its customers achieve the Lowest Cost of Ownership and endeavours to support its customers throughout the life of their equipments ...even beyond the Guarantee period.

We recognize that any down time of critical equipment and machinery is expensive. Our highly skilled team of service experts, equipped with full range of tools & spares, is spread in a manner to get your equipment back on line, in the shortest possible time. Our service downtimes are the least in the industry, and our service network is the most wide spread. It's a different matter though that **JINDAL'S** equipments rarely require any corrective maintenance.

Our central helpline accepts and resolves your complaints round the clock on all working days .

Our network of more than 400 Authorized Service Engineers / Technicians and Centers is spread across India, Nepal, Bangladesh and Kenya ...and is continuously expanding!

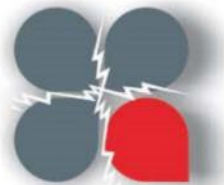


Branch Offices / Dealers :
Faridabad, Delhi, Ludhiana (2 nos.), Pathankot, Baddi,
Rudrapur, Kanpur, Kolkata, Behrampur, Bargarh,
Mumbai, Pune, Indore, Aurangabad, Ahmedabad,
Bangalore, Chennai, Hyderabad

The JINDAL'S Promise

Customer is at the heart of everything that we do at **JINDAL'S**.

When you choose **JINDAL'S**, you are assured of impeccable quality, durability, best-in-class efficiency, extra-long life and trouble-free performance for years, in other words - **Lowest Total Cost of Ownership**. We ensure that your investment in our products works round the clock & pays you back many times over!



Green Technology
Best-in-class Efficiency



Lowest Total Cost of Ownership
Prompt Service



Commitment



TRUST -
Maintenance free Performance
Product Life of > 20 Years



Efficient Cost Structure
Compact designs - Small Footprint



Payback Period
of 6 - 12 months

We proudly say that “Our Customers are our best Sales Force”, and indeed so !

ur Esteemed Clients

JINDAL'S





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JINDAL RECTIFIERS

South Asia's # 1 Company

Industrial Automatic Voltage Controllers • Silicon Power Rectifiers • Special Purpose Transformers

Associate Companies

Jindal Electricals
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