

India Semiconductor Rectifier Market By Product Type (Single Phase and Three Phase), By Type (Low Current Rectifier, Medium Current Rectifier, High Current Rectifier), By Industry Vertical (Automotive, Consumer Electronics, Power & Utility, IT & Telecom, and Others), By Region, Competition Forecast & Opportunities, FY2028

<https://marketpublishers.com/r/I6E3696B485BEN.html>

Date: February 2023

Pages: 78

Price: US\$ 4,400.00 (Single User License)

ID: I6E3696B485BEN

Abstracts

The India semiconductor rectifier market is expected to witness steady growth in the forecast period, FY2024-FY2028. The market is primarily driven by support from the leading authorities in the form of policies and regulations to modernize the power generation and distribution infrastructure. Also, the announcement of projects focusing on the development of smart grids and the growing proliferation of smart devices in the country are expected to play a significant role in boosting the growth of the India semiconductor rectifier market over the next five years.

Development of Smart Grid Drives the Market Growth

The smart grid is the modernized version of the traditional grid and is equipped with automation, communication, and IT systems. A smart grid can monitor the power flow from the point of generation to the point of consumption. It can control the power flow and change the load to real-time power generation. The smart grid offers several advantages over the conventional grid system, such as lowering the transmission and distribution losses and improving the quality of service and reliability of the power supply. It also boasts better asset management, peak load management, and better accessibility to electricity. The government of India has allocated massive funds for the development of smart grids and announced projects like the Integrated Power

Development Scheme, UDAY and NTP, and the National Smart Grid Mission to accelerate the construction of smart grids in the country. A semiconductor rectifier is a crucial electronic component of the smart grid. The growing construction of the smart grid and the announcement of projects is expected to fuel the growth of the India semiconductor rectifier market over the next five years.

Increased Application in Automotive Industry Supports the High Market Growth

High disposable income and improved living standards enable the middle-class population to invest in the purchase of electric vehicles. With the rise in the sales of automobiles across the country for commercial, residential, and industrial usage, the demand for power electronics is expected to grow at a significant rate. Market players are actively using advanced semiconductor resistors in automobiles to control the peak and average power of the vehicles. The automotive market players have started to use semiconductor rectifiers along with electric power steering, central body control, braking system, and seat control which is expected to act as a positive factor for the India semiconductor rectifier market over the next five years.

Growing Electronic Industry Boosts the Market Demand

The government of India is supporting the domestic production of electronic devices by launching schemes like 'Make in India' and 'Make in India 2.0' and encouraging foreign players to establish their plants within the country. Also, the announcement of schemes like Production-linked incentive scheme (PLI) and the Scheme for promotion of manufacturing of components and semiconductors (SPECES) Electronics manufacturing cluster scheme (EMC2.0) by the leading authorities are expected to propel the manufacturing of semiconductor rectifiers. The booming electronics industry and the surge in the set-up of manufacturing plants for power electronics are expected to accelerate the growth of the India semiconductor rectifier market in the forecast period.

Market Segmentation

The India semiconductor rectifier market is segmented into product type, type, industry vertical, regional distribution, and competitive landscape. Based on product type, the market is divided into a single phase and three phases. Based on type, the market is divided into low-current rectifiers, medium-current rectifiers, high current rectifiers. Based on industry vertical, the market is divided into automotive, consumer electronics, power & utility, IT & telecom, and others. The market is also studied based on regional

distribution and the regions are majorly divided into north, east, south, and west.

Market Players

Infineon Technologies AG, Mitsubishi Electric Corporation, Microchip Technology, Inc., Renesas Electronics Corporation, Rohm Semiconductors Co., Ltd., STMicroelectronics N.V., Texas Instruments, Inc., Toshiba Corporation, Vishay Intertechnology, Inc., The Toro Company, are the major market players operating in the India semiconductor rectifier market.

Report Scope:

In this report, India semiconductor rectifier market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Semiconductor Rectifier Market, By Product Type:

Single Phase

Three Phase

India Semiconductor Rectifier Market, By Type:

Low Current Rectifier

Medium Current Rectifier

High Current Rectifier

India Semiconductor Rectifier Market, By Industry Vertical:

Automotive

Consumer Electronics

Power & Utility

IT & Telecom

Others

India Semiconductor Rectifier Market, By Region:

North

East

South

West

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India semiconductor rectifier market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

2. RESEARCH METHODOLOGY

3. IMPACT OF COVID-19 ON INDIA SEMICONDUCTOR RECTIFIER MARKET

4. EXECUTIVE SUMMARY

5. VOICE OF CUSTOMERS

5.1. Brand Awareness

5.2. Factors Considered while Selecting Supplier

5.3. Key Satisfaction Level

5.4. Major Challenges Faced

6. INDIA SEMICONDUCTOR RECTIFIER MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Product Type (Single Phase and Three Phase)

6.2.2. By Type (Low Current Rectifier, Medium Current Rectifier, High Current Rectifier)

6.2.3. By Industry Vertical (Automotive, Consumer Electronics, Power & Utility, IT & Telecom, and Others)

6.2.4. By Region

6.2.5. By Company

6.3. Product Market Map

7. INDIA SINGLE PHASE SEMICONDUCTOR RECTIFIER MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type

7.2.2. By Industry Vertical

7.2.3. By Region

8. INDIA THREE PHASE SEMICONDUCTOR RECTIFIER MARKET OUTLOOK INDUSTRY VERTICAL

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Type

8.2.2. By Industry Vertical

8.2.3. By Region

9. MARKET DYNAMICS

9.1. Drivers

9.2. Challenges

10. MARKET TRENDS & DEVELOPMENTS

11. POLICY & REGULATOR LANDSCAPE

12. INDIA ECONOMIC PROFILE

13. COMPANY PROFILES

13.1. Infineon Technologies AG

13.2. Mitsubishi Electric Corporation

13.3. Microchip Technology, Inc.

13.4. Renesas Electronics Corporation

13.5. Rohm Semiconductors Co., Ltd.

13.6. STMicroelectronics N.V.

13.7. Texas Instruments, Inc.

13.8. Toshiba Corporation

13.9. Vishay Intertechnology, Inc.

13.10. The Toro Company

14. STRATEGIC RECOMMENDATIONS

I would like to order

Product name: India Semiconductor Rectifier Market By Product Type (Single Phase and Three Phase), By Type (Low Current Rectifier, Medium Current Rectifier, High Current Rectifier), By Industry Vertical (Automotive, Consumer Electronics, Power & Utility, IT & Telecom, and Others), By Region, Competition Forecast & Opportunities, FY2028

Product link: <https://marketpublishers.com/r/I6E3696B485BEN.html>

Price: US\$ 4,400.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/I6E3696B485BEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970