

Rectifiers Market Revenue Expected to Exceed \$9.1 Billion by 2030 Driven by Increasing Demand

The Business Research Company's Rectifiers Market Revenue Expected to Exceed \$9.1 Billion by 2030 Driven by Increasing Demand

LONDON, GREATER LONDON, UNITED KINGDOM, October 22, 2026

/EINPresswire.com/ -- "The [rectifiers market](#) has witnessed significant

growth recently, reflecting the increasing importance of stable and efficient power conversion in various sectors. As industries and technologies evolve, the demand for reliable direct current (DC) power sources continues to rise, setting the stage for sustained expansion in this market.



Expected to grow to \$9.1 billion in 2030 at a compound annual growth rate (CAGR) of 8.2%"

The Business Research Company

Current and Projected Size of the Rectifiers Market

In recent years, the rectifiers market has shown robust growth, with its size expected to increase from \$6.12 billion in 2025 to \$6.65 billion in 2026. This reflects a compound annual growth rate (CAGR) of 8.6%. The market's strong historical expansion is mainly due to the rising need for dependable DC power supplies, the widespread adoption of electronic devices, growth in industrial automation,

expanded use of power conversion systems, and a growing emphasis on efficient electrical energy management.

Download a free sample of the [rectifiers market report](#):

https://www.thebusinessresearchcompany.com/sample_request?id=20794863&type=smp&name=Rectifiers%20Market%20Report%202026&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct_PR

Future Growth Outlook for the Rectifiers Market

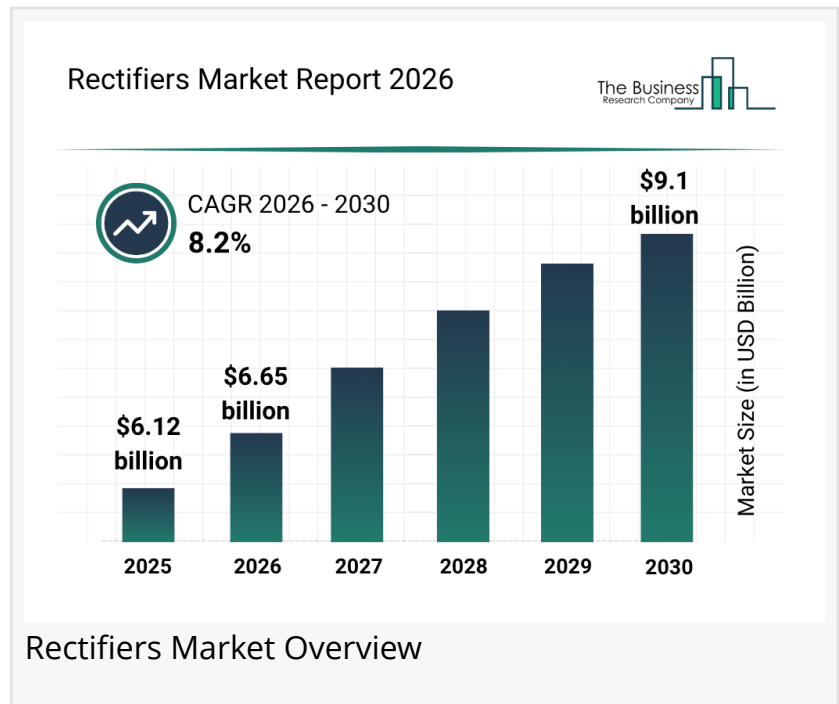
Looking ahead, the rectifiers market is anticipated to maintain a strong upward trajectory, reaching \$9.1 billion by 2030 with a CAGR of 8.2%. This expected growth is driven by several

The Business
Research Company

The Business Research Company



factors such as increased demand for electric vehicle (EV) charging infrastructure, greater integration of renewable energy conversion systems, expanded use of smart power management technologies, and the rising popularity of high-efficiency rectifier devices. Key trends shaping the market include the development of advanced power conversion systems, adoption of semiconductor-based rectification technologies, demand for compact and energy-efficient solutions, incorporation of intelligent power management features, and a focus on enhanced thermal performance in rectifier products.



Understanding Rectifiers and Their Role in Power Conversion

Rectifiers are electronic components or circuits that convert alternating current (AC) into direct current (DC), ensuring a stable and steady power supply for various electrical and electronic applications. Utilizing semiconductor elements such as diodes and controlled switching devices, rectifiers efficiently regulate current flow with minimal energy loss. They are essential in power management, supporting voltage regulation, energy conversion, and reliable operation in a wide array of industrial, commercial, and consumer systems.

View the full rectifiers market report:

https://www.thebusinessresearchcompany.com/report/rectifiers-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Oct_PR

Industrial Automation as a Key Growth Driver for Rectifiers

The expansion of industrial automation is a major force propelling the rectifiers market forward. Industrial automation involves the use of control systems, robotics, and digital technologies to streamline manufacturing and production processes, thereby boosting productivity, efficiency, and precision. Growing demand for enhanced operational efficiency and reduced labor costs is encouraging wider adoption of automated systems. Rectifiers play a crucial role by converting AC to DC, providing the stable power necessary for automated machinery, control equipment, and robotic systems.

Supporting Data Reflecting Industrial Automation's Impact

For example, in September 2024, the International Federation of Robotics (IFR), a German nonprofit organization specializing in the robotics sector, reported that the operational stock of industrial robots increased by 10%, rising from 3.89 million units in 2022 to 4.28 million units in

2023. Additionally, annual robot installations reached 541,302 units, marking the second-highest level ever recorded. This surge in industrial automation is directly contributing to the growth of the rectifiers market by driving demand for reliable DC power solutions.

Regional Overview and Market Leadership

In 2025, North America held the largest share of the rectifiers market, establishing itself as the dominant region. However, the Asia-Pacific region is set to experience the fastest growth over the coming years. The market analysis includes a comprehensive review of key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, highlighting global trends and regional opportunities.

Our 2026 market reports now include enhanced strategic insights through:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
- Updated graphics and tables

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: marketing@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

- LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham

The Business Research Company

7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/950102507>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2026 Newsmatics Inc. All Right Reserved.