

Electrical Enclosure Market Trends 2025-2029: Regional Outlook and Sizing Analysis

*The Business Research Company's
Electrical Enclosure Global Market Report
2025 – Market Size, Trends, And Global
Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, September 30, 2025

/EINPresswire.com/ -- "Get 30% Off All

Global Market Reports With Code

ONLINE30 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors



The Business
Research Company

The Business Research Company

Electrical Enclosure Market Growth Forecast: What To Expect By 2025?

Over the past few years, the electrical enclosure market has seen significant expansion. The market value is projected to increase from \$8.21 billion in 2024 to \$8.89 billion in 2025, with a compound annual growth rate (CAGR) of 8.3%. This substantial growth during the historical period is credited to an upswing in industrial modernization projects, escalation in renewable energy ventures, broader application of smart grid technology, progression in infrastructure development, and growing demand for energy-efficient systems.

“

The Business Research
Company's Latest Report
Explores Market Driver,
Trends, Regional Insights -
Market Sizing & Forecasts
Through 2034”

*The Business Research
Company*

The [market size for electrical enclosures](#) is anticipated to undergo robust growth in the upcoming years, escalating

to \$12.08 billion in 2029 with a compound annual growth rate (CAGR) of 8.0%. The expansion during the forecast period can be credited to the escalating need for safety and protection within electrical systems, the enhanced implementation in tough environmental circumstances, increased usage of renewable energy sources, growing incorporation of intelligent grids, and augmented demand for electrical system safety and protection. Noteworthy trends during this forecast period encompass developments in smart monitoring capabilities, superior thermal management solutions, innovation in modular enclosure systems, incorporation of Internet of Things (IoT) and Artificial Intelligence (AI) technologies, and progress in lightweight yet durable materials.

Download a free sample of the electrical enclosure market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=27705&type=smp>

What Are Key Factors Driving The Demand In The Global Electrical Enclosure Market?

Advancements in power infrastructure are anticipated to fuel the expansion of the electrical enclosure market. This term refers to the design, building, and enhancement of facilities and systems for generating, transmitting, and distributing electricity. The need for steady and uninterrupted electricity supply is leading to an escalation in power infrastructure developments, given that urban growth and industrial developments necessitate increased energy consumption. Electrical enclosures contribute to power infrastructure advancement by offering robust and enduring shelters for electrical components, thus guaranteeing the reliable operation of power systems. They also safeguard electrical equipment from environmental threats such as dust, moisture, and corrosion, thereby enhancing system security and durability. The World Resources Institute, an American non-profit organization, reported that solar power installations rose to 39.6 GW in 2024, a leap from 27.4 GW in 2023. Consequently, burgeoning power infrastructure advancements are steering the growth of the electrical enclosure market.

Who Are The Leading Players In The Electrical Enclosure Market?

Major players in the Electrical Enclosure Global Market Report 2025 include:

- General Electric Company
- ABB Ltd.
- Eaton Corporation plc
- Emerson Electric Co.
- Hubbell Incorporated
- nVent Electric plc
- Ensto Oy
- Hammond Manufacturing Company Limited
- Durham County
- Milbank Manufacturing Company Inc.

What Are The Key Trends And Market Opportunities In The Electrical Enclosure Sector?

Leading firms in the electrical enclosure market are concentrating their efforts on creating innovative products, such as stainless-steel electrical enclosures, to enhance durability, resistance to corrosion, and safety. Made from stainless steel, these enclosures act as a protective layer for electrical components against corrosion, dust, and moisture. For example, in January 2023, nVent Electric plc, a UK-based electrical organization, unveiled their latest offering - the nVent Hoffman extreme environments portfolio. This portfolio, comprising an elite range of stainless-steel electrical enclosures and air conditioners, is designed to ensure paramount protection for crucial equipment in extreme and demanding circumstances. This novel portfolio incorporates stainless steel and polymer enclosures with IP66 and NEMA 4X ratings, crafted to resist wet and corrosive settings. They present innovative features such as a flangeless front for convenient cleaning, and a revamped latch system that enhances sealing and provides faster access, ensuring secure equipment protection in sectors like food and beverage, chemicals, and

water and wastewater, without any compromise in performance.

Analysis Of Major [Segments Driving The Electrical Enclosure Market](#) Growth

The electrical enclosure market covered in this report is segmented

- 1) By Type Of Enclosure: Metal Enclosures, Plastic Enclosures, Composite Enclosures, Fiberglass Enclosures, Custom Enclosures
- 2) By Material: Steel, Aluminum, Stainless Steel, Polycarbonate, Acrylonitrile Butadiene Styrene (ABS)
- 3) By Protection Level: Ingress Protection (IP) Rated Enclosures, National Electrical Manufacturers Association Rated Enclosures, Explosion-Proof Enclosures, Weatherproof Enclosures, Vandal-Resistant Enclosures
- 4) By End-User: Industrial Manufacturing, Energy And Power, Oil And Gas, Aerospace And Defense, Information Technology (IT) And Telecommunication

Subsegments:

- 1) By Metal Enclosures, Steel Enclosures, Aluminum Enclosures, Stainless Steel Enclosures
- 2) By Plastic Enclosures, Polycarbonate Enclosures, Acrylonitrile Butadiene Styrene Enclosures, Polyvinyl Chloride Enclosures
- 3) By Composite Enclosures, Glass Reinforced Plastic Enclosures, Carbon Fiber Reinforced Enclosures, Hybrid Material Enclosures
- 4) By Fiberglass Enclosures, Hand Layup Fiberglass Enclosures, Pultruded Fiberglass Enclosures, Molded Fiberglass Enclosures
- 5) By Custom Enclosures, Rack Mount Custom Enclosures, Wall Mount Custom Enclosures, Floor Standing Custom Enclosures

View the full electrical enclosure market report:

<https://www.thebusinessresearchcompany.com/report/electrical-enclosure-global-market-report>

Which Region Is Expected To Lead The Electrical Enclosure Market By 2025?

In the Electrical Enclosure Global Market Report 2025, North America is identified as the leading region for the given year. Meanwhile, Asia-Pacific is anticipated to experience the most rapid growth during the forecast period. This report examines several regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

Browse Through More Reports Similar to the Global Electrical Enclosure Market 2025, By The Business Research Company

Rugged Electronics Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/rugged-electronics-global-market-report>

Electrical Equipment Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/electrical-equipment-global-market-report>

Electrical Safety Personal Protective Equipment Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/electrical-safety-personal-protective-equipment-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

[The Business Research Company - www.thebusinessresearchcompany.com](https://www.thebusinessresearchcompany.com)

Follow Us On:

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

Oliver Guirdham

The Business Research Company

+44 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/853460827>

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.

© 1995-2025 Newsmatics Inc. All Right Reserved.