

India Steel Electrical Enclosure Market Size and Share - Outlook Report, Forecast Trends and Growth Analysis (2025-2034)

Market Report | 2025-08-11 | 141 pages | EMR Inc.

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Report description:

The India steel electrical enclosure market is being aided by the growing India electrical enclosure industry, which is expected to grow at a CAGR of 7.00% in the forecast period of 2025-2034.

Increasing Demand in Major End Use Sectors to Bolster the Growth of the India Steel Electrical Enclosure Industry

On the basis of end use, the power generation segment accounts for a significant share in the market owing to the rapid urbanisation, rising population, and the rising demand for energy. The development of improved power infrastructures and the increasing installation of power stations in the region are aiding the market growth. Meanwhile, the transmission and distribution segment is expected to account for a considerable share in the market due to the expansion of transmission network, which facilitates the flow of electrical energy, and the continuous technological upgradations taking place across the country.

The various national regulatory standards dictate the need for electrical enclosures. The use of flammable gases, combustible dust, and other volatile vapours or particles in hazardous areas facing fire or explosion risks is subject to strict regulations. This is especially true for industries like coal mines, and chemical plants, where potential risks include flammable gases, combustible dust, and other volatile vapours or particles. Special types of electrical enclosures may be required in areas prone to lightning strikes or flooding.

Electric Enclosure: Market Segmentation

An electrical enclosure can be defined as a cabinet for electric or electronic equipment. The main purpose of electrical enclosure is to provide protection from electrical shock and safeguard electrical equipment from the external environment.

The market is divided based on material type into

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- Stainless Steel
- Carbon Steel

By mounting type, the market is divided into

- Wall Mounted
- Free Standing
- Underground

Based on form factor, the industry is segmented into

- Small Enclosure
- Compact Enclosure
- Free Size Enclosure

On the basis of end use, the industry is segmented into

- Power Generation
- Transmission and Distribution
- Other Electrical Equipment

The regional markets for the product

- North India
- East India
- West India
- South India

Growing Urbanisation and the Stringent Government Regulations to Boost the Growth of the India Steel Electrical Enclosure Industry

The stringent government regulations to protect the user from electrical shock are driving the demand for quality electric enclosures in various industries, which is driving the market growth. The rapid urbanisation and the increasing government investments to upgrade the power infrastructure across the country are further augmenting the growth of the steel electrical enclosure industry in India. In addition, the rising demand for electricity, increasing population, and the growing preference for compact enclosure are supporting the market growth. Over the forecast period, the improving safety standards in industries like chemical, and oil and gas, among others are likely to bolster the market growth.

Key Industry Players in the India Steel Electrical Enclosure Market

The report gives a detailed analysis of the following key players in the India steel electrical enclosure market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- INTEGRA Engineering Private Limited
- Rittal India Pvt. Ltd.

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- Fibox India Private Limited
- BCH Electric Limited
- RR India
- Suvire Electric Pvt. Ltd.
- Allied Moulded Enclosure Products (India) Private Limited
- PRK Fabricators Pvt Ltd
- SSR Metals Private Limited
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis.

More Insights On:

Electrical Enclosures Market

United Kingdom Electrical Enclosure Equipment Market

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