

India Steel Electrical Enclosure Market Report and Forecast 2024-2032

Market Report | 2023-12-22 | 180 pages | EMR Inc.

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Report description:

India Steel Electrical Enclosure Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), 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% in the forecast period of 2024-2032. Aided by the increasing demand for industrial safety and the burgeoning electrical and electronics sector, the market is expected to grow significantly by 2032.

Steel electrical enclosures are critical components used to house electrical equipment, providing protection against environmental hazards and ensuring safety in industrial and commercial applications. These enclosures are designed to withstand harsh conditions, including moisture, dust, and extreme temperatures, making them indispensable in various industries such as manufacturing, power generation, and telecommunications.

The India steel electrical enclosure market growth is predominantly driven by the rapid industrialisation and infrastructure development in the country. The increasing emphasis on industrial safety standards and regulations is further fuelling the demand for robust and reliable electrical enclosures. Moreover, the expansion of the power distribution and telecommunications networks in India has significantly contributed to the market growth, as these sectors require durable enclosures for safeguarding critical electrical components.

Another factor propelling the India steel electrical enclosure market demand is the advancements in enclosure technologies. Innovations such as modular enclosures, which offer enhanced flexibility and scalability, are gaining popularity. These modern enclosures cater to the evolving needs of industries, providing customised solutions for complex electrical systems.

The burgeoning renewable energy sector in India also presents lucrative opportunities for the steel electrical enclosure market. The deployment of solar and wind energy projects necessitates the use of sturdy enclosures to protect inverters, controllers, and other electrical installations from environmental challenges.

The market is characterised by the presence of several key players who are focusing on strategic initiatives such as mergers and acquisitions, partnerships, and product innovation to influence the India steel electrical enclosure market outlook. The development of enclosures with advanced features such as improved thermal management, ease of installation, and enhanced safety is anticipated to further boost the market growth.

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Therefore, keeping all the factors in mind, the India steel electrical enclosure market is poised for significant growth in the coming years. The increasing industrial activities, advancements in enclosure technologies, and the expanding renewable energy sector are key factors driving the market.

Market Segmentation

The market can be divided based on material type, mounting type, form factor, end use, and region.

Market Breakup by Material Type

- Stainless Steel
- Carbon Steel

Market Breakup by Mounting Type

- Wall Mounted
- Free Standing
- Underground

Market Breakup by Form Factor

- Small Enclosure
- Compact Enclosure
- Free Size Enclosure

Market Breakup by End Use

- Power Generation
 - o□Turbines
 - o□Generator and Genset
- Transmission and Distribution
 - o□Power Cable
 - o□Switch Gear and Control Gear
 - o□Transformers
- Others Electrical Equipment
 - o□Transmission Lines and Conductors
 - o□Relays and Circuit Breakers
 - o□Motors
 - o□Energy Meters
 - o□Capacitors

Market Breakup by Region

- North
- East
- West
- South

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the India steel electrical enclosure market. Some of the major players explored in the report by Expert Market Research are as follows:

- INTEGRA Engineering India Limited
- Rittal India Pvt. Ltd
- Fibox India Private Limited
- BCH Electric Limited
- RR India
- Suvire Electric Pvt Ltd
- Allied Moulded Enclosure Products (India) Private Limited
- PRK Fabricators Pvt Ltd

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-SSR Metals Private Limited

-Others

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Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Snapshot
 - 6.1 India
- 7 Opportunities and Challenges in the Market
- 8 India Electrical Enclosure Market Overview
 - 8.1 Key Industry Highlights
 - 8.2 India Electrical Enclosure Historical Market (2018-2023)
 - 8.3 India Electrical Enclosure Market Forecast (2024-2032)
 - 8.4 India Electrical Enclosure Market by Material Type
 - 8.4.1 Metallic Enclosure
 - 8.4.2 Non-Metallic Enclosure
- 9 India Steel Electrical Enclosure Market Analysis
 - 9.1 Key Industry Highlights
 - 9.2 India Steel Electrical Enclosure Historical Market (2018-2023)
 - 9.3 India Steel Electrical Enclosure Market Forecast (2024-2032)
 - 9.4 India Steel Electrical Enclosure Market by Material Type
 - 9.4.1 Stainless Steel
 - 9.4.1.1 Historical Trend (2018-2023)

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- 9.4.1.2 Forecast Trend (2024-2032)
- 9.4.2 Carbon Steel
 - 9.4.2.1 Historical Trend (2018-2023)
 - 9.4.2.2 Forecast Trend (2024-2032)
- 9.5 India Steel Electrical Enclosure Market by Mounting Type
 - 9.5.1 Wall Mounted
 - 9.5.1.1 Historical Trend (2018-2023)
 - 9.5.1.2 Forecast Trend (2024-2032)
 - 9.5.2 Free Standing
 - 9.5.2.1 Historical Trend (2018-2023)
 - 9.5.2.2 Forecast Trend (2024-2032)
 - 9.5.3 Underground
 - 9.5.3.1 Historical Trend (2018-2023)
 - 9.5.3.2 Forecast Trend (2024-2032)
- 9.6 India Steel Electrical Enclosure Market by Form Factor
 - 9.6.1 Small Enclosure
 - 9.6.1.1 Historical Trend (2018-2023)
 - 9.6.1.2 Forecast Trend (2024-2032)
 - 9.6.2 Compact Enclosure
 - 9.6.2.1 Historical Trend (2018-2023)
 - 9.6.2.2 Forecast Trend (2024-2032)
 - 9.6.3 Free Size Enclosure
 - 9.6.3.1 Historical Trend (2018-2023)
 - 9.6.3.2 Forecast Trend (2024-2032)
- 9.7 India Steel Electrical Enclosure Market by End Use
 - 9.7.1 Power Generation
 - 9.7.1.1 Historical Trend (2018-2023)
 - 9.7.1.2 Forecast Trend (2024-2032)
 - 9.7.1.3 Breakup by Type
 - 9.7.1.3.1 Turbines
 - 9.7.1.3.2 Generator and Genset
 - 9.7.2 Transmission and Distribution
 - 9.7.2.1 Historical Trend (2018-2023)
 - 9.7.2.2 Forecast Trend (2024-2032)
 - 9.7.2.3 Breakup by Type
 - 9.7.2.3.1 Power Cable
 - 9.7.2.3.2 Switch Gear and Control Gear
 - 9.7.2.3.3 Transformers
 - 9.7.3 Others Electrical Equipment
 - 9.7.3.1 Historical Trend (2018-2023)
 - 9.7.3.2 Forecast Trend (2024-2032)
 - 9.7.3.3 Breakup by Type
 - 9.7.3.3.1 Transmission Lines and Conductors
 - 9.7.3.3.2 Relays and Circuit Breakers
 - 9.7.3.3.3 Motors
 - 9.7.3.3.4 Energy Meters
 - 9.7.3.3.5 Capacitors

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9.8 India Steel Electrical Enclosure Market by Region

9.8.1 North

9.8.2 East

9.8.3 West

9.8.4 South

10 Regional Analysis

10.1 North

10.1.1 Historical Trend (2018-2023)

10.1.2 Forecast Trend (2024-2032)

10.2 East

10.2.1 Historical Trend (2018-2023)

10.2.2 Forecast Trend (2024-2032)

10.3 West

10.3.1 Historical Trend (2018-2023)

10.3.2 Forecast Trend (2024-2032)

10.4 South

10.4.1 Historical Trend (2018-2023)

10.4.2 Forecast Trend (2024-2032)

11 Market Dynamics

11.1 SWOT Analysis

11.1.1 Strengths

11.1.2 Weaknesses

11.1.3 Opportunities

11.1.4 Threats

11.2 Porter's Five Forces Analysis

11.2.1 Supplier's Power

11.2.2 Buyers Power

11.2.3 Threat of New Entrants

11.2.4 Degree of Rivalry

11.2.5 Threat of Substitutes

11.3 Key Indicators for Demand

11.4 Key Indicators for Price

12 Buying Criteria

13 Value Chain Analysis

14 Competitive Landscape

14.1 Market Structure

14.2 Company Profiles

14.2.1 INTEGRA Engineering India Limited

14.2.1.1 Company Overview

14.2.1.2 Product Portfolio

14.2.1.3 Demographic Reach and Achievements

14.2.1.4 Certifications

14.2.2 Rittal India Pvt. Ltd

14.2.2.1 Company Overview

14.2.2.2 Product Portfolio

14.2.2.3 Demographic Reach and Achievements

14.2.2.4 Certifications

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- 14.2.3 Fibox India Private Limited
 - 14.2.3.1 Company Overview
 - 14.2.3.2 Product Portfolio
 - 14.2.3.3 Demographic Reach and Achievements
 - 14.2.3.4 Certifications
- 14.2.4 BCH Electric Limited
 - 14.2.4.1 Company Overview
 - 14.2.4.2 Product Portfolio
 - 14.2.4.3 Demographic Reach and Achievements
 - 14.2.4.4 Certifications
- 14.2.5 RR India
 - 14.2.5.1 Company Overview
 - 14.2.5.2 Product Portfolio
 - 14.2.5.3 Demographic Reach and Achievements
 - 14.2.5.4 Certifications
- 14.2.6 Suvire Electric Pvt Ltd,
 - 14.2.6.1 Company Overview
 - 14.2.6.2 Product Portfolio
 - 14.2.6.3 Demographic Reach and Achievements
 - 14.2.6.4 Certifications
- 14.2.7 Allied Moulded Enclosure Products (India) Private Limited
 - 14.2.7.1 Company Overview
 - 14.2.7.2 Product Portfolio
 - 14.2.7.3 Demographic Reach and Achievements
 - 14.2.7.4 Certifications
- 14.2.8 PRK Fabricators Pvt Ltd
 - 14.2.8.1 Company Overview
 - 14.2.8.2 Product Portfolio
 - 14.2.8.3 Demographic Reach and Achievements
 - 14.2.8.4 Certifications
- 14.2.9 SSR Metals Private Limited
 - 14.2.9.1 Company Overview
 - 14.2.9.2 Product Portfolio
 - 14.2.9.3 Demographic Reach and Achievements
 - 14.2.9.4 Certifications
- 14.2.10 Others
- 15 Key Trends and Developments in the Market

List of Key Figures and Tables

1. India Electrical Enclosure Market: Key Industry Highlights, 2018 and 2032
2. India Electrical Enclosure Historical Market: Breakup by Material Type (USD Million), 2018-2023
3. India Electrical Enclosure Market Forecast: Breakup by Material Type (USD Million), 2024-2032
4. India Steel Electrical Enclosure Market: Key Industry Highlights, 2018 and 2032
5. India Steel Electrical Enclosure Historical Market: Breakup by Material Type (USD Million), 2018-2023
6. India Steel Electrical Enclosure Market Forecast: Breakup by Material Type (USD Million), 2024-2032
7. India Steel Electrical Enclosure Historical Market: Breakup by Mounting Type (USD Million), 2018-2023
8. India Steel Electrical Enclosure Market Forecast: Breakup by Mounting Type (USD Million), 2024-2032

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9. India Steel Electrical Enclosure Historical Market: Breakup by Form Factor (USD Million), 2018-2023
10. India Steel Electrical Enclosure Market Forecast: Breakup by Form Factor (USD Million), 2024-2032
11. India Steel Electrical Enclosure Historical Market: Breakup by End Use (USD Million), 2018-2023
12. India Steel Electrical Enclosure Market Forecast: Breakup by End Use (USD Million), 2024-2032
13. India Steel Electrical Enclosure Historical Market: Breakup by Region (USD Million), 2018-2023
14. India Steel Electrical Enclosure Market Forecast: Breakup by Region (USD Million), 2024-2032
15. India Steel Electrical Enclosure Market Structure

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