

Global Laminated Busbar Market Size study & Forecast, by Material (Copper, Aluminium), by Insulation Material (Epoxy Powder Coating, Polyester Film, PVF Films, Polyester Resin, Heat-Resistant Fiber, Polyimide Film), by End User (Utilities, Industrial, Commercial, Residential) and Regional Analysis, 2023-2030

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Abstracts

Global Laminated Busbar Market is valued at approximately USD 814.15 million in 2022 and is anticipated to grow with a healthy growth rate of more than 6.00% during the forecast period 2023-2030. Laminated busbar is a type of electrical conductor that consists of layers of conductive material, usually copper or aluminum, separated by insulating layers. These layers are then compressed and laminated together to form a single integrated structure. The resulting busbar provides a compact and efficient means of conducting electricity, with the insulation helping to prevent electrical arcing and short circuits. The key factors driving the market growth are growing demand for efficient power distribution systems, rising emphasis on renewable energy, and growing expansion of the electric vehicle market that is anticipated to create the lucrative demand for the market during the forecast period 2023-2030.

Additionally, the expansion of the Electric Vehicle Market has led to increased adoption of laminated busbars in EV power systems, where they play a crucial role in managing high currents. According to Statista, in 2019 globally the number of electric vehicles sold was 2.22 million; in 2022 the number reached 10.25 million and it is anticipated to reach 12.97 million by 2025. As a result, the growing demand for EVs is anticipated to support the market growth. Moreover, aging electrical infrastructure rising electricity demand, and increasing adoption of HVDC technology are anticipated to create lucrative

opportunities for the market. However, the growing competition from local firms or unorganized sectors, and the high initial cost of laminated busbars stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Laminated Busbar Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increased demand for power electronics, rising adoption of electric Vehicles (EVs), and growing infrastructure development projects, including smart cities and modernization initiatives. Whereas, the Asia Pacific is expected to grow with the fastest growth rate over the forecast period, owing to factors such as the increasing demand for energy, the growing shift toward electric mobility is a significant trend in the automotive sector, expansion of manufacturing and industrial sectors.

Major market player included in this report are:

Amphenol Corporation (US)

Methode Electronics, Inc. (US)

Mersen Group (France)

Rogers Corporation (US)

Sun.King Technology Group Limited (China)

Zhuzhou CRRC Times Electric Co., Ltd. (China)

Ryoden Kasei Co., Ltd. (Japan)

Shanghai Eagtop Electronics Technology Co., Ltd. (China)

Shenzhen Busbar Sci-Tech Development Co., Ltd. (China)

Storm Power Components (US)

Recent Developments in the Market:

In December 2020, Amphenol Corporation, a renowned global provider

specializing in high-technology interconnect, antenna, and sensor solutions, has recently agreed to acquire MTS Systems. MTS Systems is a prominent global supplier known for its advanced test systems, motion simulators, and precision sensors.

Global Laminated Busbar Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Material, Insulation Material, End User, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Global Laminated Busbar Market Size study & Forecast, by Material (Copper, Aluminium), by Insulation Material...

Copper

Aluminium

By Insulation Material:

Epoxy Powder Coating

Polyester Film

PVF Films

Polyester Resin

Heat-Resistant Fiber

Polymide Film

By End User:

Utilities

Industrial

Commercial

Residential

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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