

Global Industrial Electrification Market Size Study, by Product (Starter Motor and Alternator, Electric Pumps, Electric Power Steering (EPS), Integrated Starter Generator (ISG), Others), by Application (Automation and Control, Energy Efficiency, Data and Analytics, Others), and Regional Forecasts 2022-2032

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Abstracts

Global Industrial Electrification Market is valued at approximately USD 87.05 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 8.22% over the forecast period 2024-2032. Industrial electrification refers to the process of replacing or augmenting traditional mechanical, pneumatic, or hydraulic systems with electrical and electronic systems in various industrial applications. This process involves the utilization of electricity as the primary power source for machines, equipment, and processes in manufacturing, production, and other industrial sectors. The adoption of industrial electrification offers numerous benefits, including enhanced energy efficiency, greater precision, reduced maintenance requirements, improved automation, and the integration of data and analytics into industrial processes.

The Global Industrial Electrification Market is significantly driven by stringent environmental regulations and rising industrial automation across the world. Electric motors and equipment typically exhibit higher efficiency compared to their mechanical counterparts, leading to reduced energy consumption and lower operational costs. This advantage is expected to significantly increase the adoption of industrial electrification across various end-use sectors, thereby driving market growth. Moreover, stringent environmental regulations and emissions standards are prompting industries to transition towards cleaner energy sources and technologies. Electrification contributes to the reduction of greenhouse gas emissions and air pollution, aligning with

environmental goals and acting as a key driver for the industrial electrification market during the forecast period. Moreover, ongoing advancements in electric motor and control technology, coupled with the development of smart grid infrastructure, enhance the attractiveness and feasibility of industrial electrification for various applications. These advancements are anticipated to create lucrative opportunities for the industrial electrification market throughout the forecast period. However, the transition to industrial electrification necessitates substantial upfront investment in new electrical infrastructure, equipment, and technology. This high initial cost poses a barrier for some businesses, especially smaller companies with limited capital, potentially hampering market growth during the forecast period.

The key regions considered for the Global Industrial Electrification Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific was the largest revenue generator in 2023 and is anticipated to grow at the fastest rate during the forecast period. The region's rapid economic growth and urbanization drive increased industrialization and energy demand, boosting the market for industrial electrification. Furthermore, many countries in Asia Pacific are investing in modernizing their manufacturing sectors by adopting electric machinery and automation technologies to improve productivity and energy efficiency.

Major market players included in this report are:

Bonfiglioli Transmissions Private Limited

Kirloskar Electric Company

Bharat Bijlee Limited

ABB Ltd

Aisin Corporation

Denso Corporation

Johnson Electric Holdings Limited

General Electric

Continental AG

BorgWarner Inc

The detailed segments and sub-segment of the market are explained below:

By Product:

Starter motor and alternator

Electric pumps

Electric power steering (EPS)

Integrated starter generator (ISG)

Others

By Application:

Automation and Control

Energy Efficiency

Data and Analytics

Others

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

RoMEA

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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