+357 96 030922
info@marketpublishers.com

Global Energy Efficient Motor Market Size Study & Forecast, by Efficiency Level (IE1, IE2, IE3, IE4), by Application (HVAC, Fans, Pumps, Compressors, Others), by End-Use (Industrial, Commercial Building, Residential, Automotive, Others) and Regional Forecasts 2025-2035

https://marketpublishers.com/r/G94361AFC252EN.html
Date: November 2024
Pages: 285
Price: US$ 3,750.00 (Single User License)
ID: G94361AFC252EN

Abstracts

The Global Energy Efficient Motor Market is currently valued at around USD 40.1 billion in 2024 and is projected to expand at a staggering compound annual growth rate (CAGR) of 6.12% during the forecast period from 2025 to 2035. The growing urgency to reduce carbon footprints, along with stringent regulatory frameworks emphasizing energy conservation, has significantly fueled the transition from conventional motor systems to energy-efficient alternatives across industries. These motors, engineered to consume less electricity while offering superior torque and performance, are becoming indispensable in applications ranging from HVAC and refrigeration to pumps and heavy industrial machinery. Businesses globally are rapidly adopting these motors not just for their sustainability benefits but also for the long-term cost savings they bring through reduced energy bills and maintenance expenditures.

The market growth is further underpinned by technological strides in motor architecture, such as advancements in permanent magnet synchronous motors and the incorporation of smart sensors and variable speed drives. These innovations enable motors to dynamically adjust output based on real-time demand, thus optimizing operations and minimizing energy wastage. Moreover, the emergence of Industry 4.0 and increasing integration of IoT in manufacturing setups are bolstering demand for motors with intelligent diagnostic features. For example, motors embedded with predictive maintenance capabilities now allow facility managers to preemptively address

+357 96 030922
info@marketpublishers.com

performance anomalies, extending the motor's lifecycle and reducing downtime. Governments across both developed and developing economies are offering attractive tax incentives, subsidies, and energy labeling programs to encourage industries and households to upgrade to energy-efficient motors.

From a regional standpoint, North America currently leads the market due to its aggressive energy efficiency policies, aging industrial infrastructure undergoing retrofit cycles, and a strong focus on sustainability initiatives. The United States continues to witness high adoption in industrial and commercial buildings owing to DOE mandates and Energy Star certifications. Meanwhile, Europe remains a critical contributor, with the EU’s Ecodesign Directive playing a pivotal role in standardizing efficiency norms across member states. The Asia Pacific region, on the other hand, is expected to experience the fastest growth during the forecast period. Countries like China, India, and Japan are ramping up investments in infrastructure, manufacturing, and electric mobility, all of which require robust deployment of high-efficiency motors. The growing urbanization and electrification in these regions are creating a massive demand for applications like HVAC, water supply, and compressed air systems that are powered by these motors.

Major market players included in this report are:

Siemens AG

ABB Ltd.

Toshiba Corporation

Mitsubishi Electric Corporation

Schneider Electric SE

Nidec Corporation

Regal Rexnord Corporation

WEG Industries

General Electric Company

Hitachi, Ltd.

+357 96 030922
info@marketpublishers.com

Bosch Rexroth AG

Danfoss Group

TECO-Westinghouse Motor Company

Brook Crompton Holdings Ltd.

Johnson Electric Holdings Limited

Global Energy Efficient Motor Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

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

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

Customization Scope – Free report customization (equivalent up to 8 analysts' 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 for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

+357 96 030922
info@marketpublishers.com

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

By Efficiency Level:

- IE1
- IE2
- IE3
- IE4

By Application:

- HVAC
- Fans
- Pumps
- Compressors
- Others

By End-Use:

- Industrial
- Commercial Building
- Residential
- Automotive
- Others

+357 96 030922
info@marketpublishers.com

By Region:

North America

- U.S.
- Canada

Europe

- UK
- Germany
- France
- Spain
- Italy
- Rest of Europe

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea
- Rest of Asia Pacific

+357 96 030922
info@marketpublishers.com

Latin America

- Brazil
- Mexico

Middle East & Africa

- UAE
- Saudi Arabia
- South Africa
- Rest of Middle East & Africa

Key Takeaways:

- Market Estimates & Forecast for 10 years from 2025 to 2035.
- 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.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

CHAPTER 4. GLOBAL ENERGY EFFICIENT MOTOR INDUSTRY ANALYSIS

CHAPTER 5. GLOBAL ENERGY EFFICIENT MOTOR MARKET SIZE & FORECASTS BY EFFICIENCY LEVEL 2025–2035

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

CHAPTER 9. COMPETITIVE INTELLIGENCE

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Energy Efficient Motor Market Size Study & Forecast, by Efficiency Level (IE1, IE2, IE3, IE4), by Application (HVAC, Fans, Pumps, Compressors, Others), by End-Use (Industrial, Commercial Building, Residential, Automotive, Others) and Regional Forecasts 2025-2035

Product link: https://marketpublishers.com/r/G94361AFC252EN.html

Price: US$ 3,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G94361AFC252EN.html