

Electric Motor Sales Market Size, Share & Trends Analysis Report By Application, By Power Output (Integral HP Output, Fractional HP Output), By Motor Type (Hermetic, AC, DC), By Region, And Segment Forecasts, 2021 - 2028

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Abstracts

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Electric Motor Sales Market Growth & Trends

The global electric motor sales market size is expected to reach USD 232.5 billion by 2028, according to a new report by Grand View Research, Inc. The market is expected to expand at a CAGR of 6.4% from 2021 to 2028. Rapid technological advancements have been playing an imperative role in the growth of the market. Further, improved insulation and operational efficiency have significantly improved the electro-mechanical machines in terms of safety and functionalities, leading to increased demand across multiple industries. Electric motors are used in multiple applications across industry verticals such as home appliances, industrial machinery, and vehicles. The market is expected to witness high growth from Heating, Ventilation, and Cooling (HVAC) applications as they are an inseparable component of HVAC equipment.

Rising fuel prices across the globe are impelling people to shift to non-conventional fuel alternatives. As a result, electric vehicles are manufactured with a view of reducing operational costs and carbon footprint. The upsurge in the production of electric vehicles is expected to positively impact the demand for electric motors as they are used in various applications ranging from performance components to comfort components of the vehicle.



The industry is characterized by regulatory policies and government initiatives that promote energy efficiency in machines and equipment. High-efficiency and output, low power consumption, increased operational life, and low maintenance costs are essential requirements for the electro-mechanical machines. Notably, technological innovations have introduced improved design, components, and motor specifications resulting in fulfillment of end-user requirements. Innovations and evolving policy frameworks are crucial for industry development and will play a key role in fueling the demand for the products over the forecast period.

Asia Pacific region held the largest revenue share in the electric motor market in 2020 and is projected to witness the fastest CAGR of 7.8% from 2021 to 2028. The growth can be attributed to increasing industrialization investments in countries such as China, India, South Korea, and Australia. Further, the scope for market growth in the region is expected to increase significantly over the coming years, owing to the evolving agriculture sector through efficient irrigation practices and technology transfer.

Electric Motor Sales Market Report Highlights

Increased adoption of the electro-mechanical machines in vehicles, backed by technological advancements resulting in performance enhancement, is expected to positively impact market's growth

The AC motor type held the largest share in 2020. It is estimated to generate over USD 166 billion by 2028 due to the extensive use of AC motors in various applications ranging from irrigation pumps to modern-day robotics

The fractional horsepower (FHP) output segment represented over 87% of the overall market value in 2020. Fractional horsepower motors are used widely in all household appliances ranging from vacuum cleaners to coffee machines to refrigerators

The motor vehicles segment is the most prominent application segment, commanding more than 40.0% of the overall market value in 2020. The electromechanical machines are also extensively used in heavy industrial equipment as well as agricultural machinery

Asia Pacific will lead the market through 2028, exhibiting a CAGR of 7.8% from 2021 to 2028. The growth of the regional market can be attributed to increasing direct investments in developing nations such as India and China







Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market Segmentation
- 1.2 Report Scope
- 1.3 Research Assumptions
- 1.4 Research Methodology
- 1.5 List to Data Sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Summary
- 2.2 Electric Motor Sales Market Market Outlook
- 2.3 Electric Motor Sales Market Segmental Outlook

CHAPTER 3 MARKET SNAPSHOT

3.1 Electric Motor Sales - Market Snapshot & Key Buying Criteria, 2016 - 2028

CHAPTER 4 MARKET VARIABLES, TRENDS & SCOPE

- 4.1 Electric Motor Sales Market Dynamics
 - 4.1.1 Market Driver Analysis
- 4.1.1.1 Growing automobile production coupled with increasing preference for Electric Vehicles (EVs)
 - 4.1.1.2 Growth of the agriculture sector
 - 4.1.1.3 Increasing presence of motor-driven appliances in HVAC and households
 - 4.1.2 Market Restraint analysis
 - 4.1.2.1 High initial cost of motors and limited portability
- 4.1.3 Market Opportunity analysis
 - 4.1.3.1 Increasing demand for application-specific motor
- 4.2 Penetration and Growth Prospect Mapping
- 4.3 Electric Motor Sales Value Chain Analysis
- 4.4 Electric Motor Sales Market Analysis Porter's Five Forces
- 4.5 Electric Motor Sales Market Analysis PEST

CHAPTER 5 MOTOR TYPE ESTIMATES & TREND ANALYSIS



- 5.1 Electric Motor Sales Market: Motor Type Movement Analysis
 - 5.1.1 Ac Motors
 - 5.1.1.1 Synchronous Ac motors
 - 5.1.1.2 Induction Ac motors
 - 5.1.2 DC Motors
 - 5.1.2.1 Brushed DC motors
 - 5.1.2.2 Brushless DC motors
 - 5.1.3 Hermetic Motors

CHAPTER 6 POWER OUTPUT ESTIMATES & TREND ANALYSIS

- 6.1 Electric Motor Sales Market: Power Output Movement Analysis
 - 6.1.1 Integral HP Output
 - 6.1.2 Fractional HP Output

CHAPTER 7 APPLICATION ESTIMATES & TREND ANALYSIS

- 7.1 Electric Motor Sales Market: Application Movement Analysis
 - 7.1.1 Industrial Machinery
 - 7.1.2 Motor Vehicles
 - 7.1.3 HVAC Equipment
 - 7.1.4 Aerospace & Transportation
 - 7.1.5 Household Appliances
 - **7.1.6 Others**

CHAPTER 8 REGIONAL ESTIMATES & TREND ANALYSIS

- 8.1 Electric Motor Sales Market Share By Region, 2020 & 2028
- 8.2 North America
 - 8.2.1 U.S.
 - 8.2.2 Canada
- 8.3 Europe
 - 8.3.1 U.K.
 - 8.3.2 Germany
- 8.4 Asia Pacific
 - 8.4.1 China
 - 8.4.2 Japan
 - 8.4.3 India
- 8.5 Latin America



8.6 Middle East and Africa (MEA)

CHAPTER 9 COMPETITIVE LANDSCAPE

- 9.1 ABB Ltd
 - 9.1.1 Company overview
 - 9.1.2 Financial performance
 - 9.1.3 Product benchmarking
 - 9.1.4 Recent Developments
- 9.2 Allied Motion Technologies Inc.
 - 9.2.1 Company overview
 - 9.2.2 Financial performance
 - 9.2.3 Product benchmarking
 - 9.2.4 Recent Developments
- 9.3 Ametek, Inc.
 - 9.3.1 Company overview
 - 9.3.2 Financial performance
 - 9.3.3 Product benchmarking
 - 9.3.4 Recent Developments
- 9.4 Franklin Electric Co., Inc.
 - 9.4.1 Company overview
 - 9.4.2 Financial performance
 - 9.4.3 Product benchmarking
- 9.5 General Electric
 - 9.5.1 Company overview
 - 9.5.2 Financial performance
 - 9.5.3 Product benchmarking
 - 9.5.4 Recent developments
- 9.6 Johnson Electric Holdings Limited
 - 9.6.1 Company overview
 - 9.6.2 Financial performance
 - 9.6.3 Product benchmarking
 - 9.6.4 Recent developments
- 9.7 Rockwell Automation, Inc.
 - 9.7.1 Company overview
 - 9.7.2 Financial performance
 - 9.7.3 Product benchmarking
 - 9.7.4 Recent developments
- 9.8 Siemens



- 9.8.1 Company overview
- 9.8.2 Financial performance
- 9.8.3 Product benchmarking
- 9.8.4 Recent developments



List Of Tables

LIST OF TABLES

- Table 1 Electric Motor Sales market, 2016 2028 (USD Billion)
- Table 2 Electric Motor Sales market by region, 2016 2028 (USD Billion)
- Table 3 Global electric motor sales market by motor type, 2016 2028 (USD Billion)
- Table 4 Global AC motors market by motor type, 2016 2028 (USD Billion)
- Table 5 Global DC motors market by motor type, 2016 2028 (USD Billion)
- Table 6 Global electric motor sales market by power output, 2016 2028 (USD Billion)
- Table 7 Global electric motor sales market by application, 2016 2028 (USD Billion)
- Table 8 Value chain component revenue percentage share
- Table 9 AC motors electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 10 Synchronous AC motors electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 11 Induction AC motors electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 12 DC motors electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 13 Brushed DC motors electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 14 Brushless DC motors electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 15 Hermetic motors electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 16 Integral HP output electric motor sales market by region, 2016 2028 (USD Billion)
- Table 17 Fractional HP output electric motor sales market, by region, 2016 2028 (USD Billion)
- Table 18 Industrial machinery market by region, 2016 2028 (USD Billion)
- Table 19 Motor vehicles market, by region, 2016 2028 (USD Billion)
- Table 20 HVAC equipment market, by region, 2016 2028 (USD Billion)
- Table 21 Aerospace & Transportation market, by region, 2016 2028 (USD Billion)
- Table 22 Household appliances market, by region, 2016 2028 (USD Billion)
- Table 23 Others market, by region, 2016 2028 (USD Billion)
- Table 24 North America electric motor sales market by motor type, 2016 2028 (USD Billion)
- Table 25 North America AC motor electric motor sales market by motor type, 2016 2028 (USD Billion)
- Table 26 North America DC motors electric motor sales market by motor type, 2016 -



2028 (USD Billion)

Table 27 North America electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 28 North America electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 29 U.S. electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 30 U.S. AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 31 U.S. DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 32 U.S. electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 33 U.S. electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 34 Canada electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 35 Canada AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 36 Canada DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 37 Canada electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 38 Canada electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 39 Europe electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 40 Europe AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 41 Europe DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 42 Europe electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 43 Europe electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 44 U.K. electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 45 U.K. AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 46 U.K. DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 47 U.K. electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 48 U.K. electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 49 Germany electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 50 Germany AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 51 Germany DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)



Table 52 Germany electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 53 Germany electric motor sales market by application, 2016 - 2028 (USD Billion) Table 54 Asia Pacific electric motor sales market by motor type, 2016 - 2028 (USD

Billion)

Table 55 Asia Pacific AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 56 Asia Pacific DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 57 Asia Pacific electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 58 Asia Pacific electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 59 China electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 60 China AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 61 China DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 62 China electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 63 China electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 64 Japan electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 65 Japan AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 66 Japan DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 67 Japan electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 68 Japan electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 69 India electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 70 India AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 71 India DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 72 India electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 73 India electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 74 Latin America electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 75 Latin America AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 76 Latin America DC motors electric motor sales market by motor type, 2016 -



2028 (USD Billion)

Table 77 Latin America electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 78 Latin America electric motor sales market by application, 2016 - 2028 (USD Billion)

Table 79 Middle East and Africa electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 80 Middle East and Africa AC motor electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 81 Middle East and Africa DC motors electric motor sales market by motor type, 2016 - 2028 (USD Billion)

Table 82 Middle East and Africa electric motor sales market by power output, 2016 - 2028 (USD Billion)

Table 83 Middle East and Africa electric motor sales market by application, 2016 - 2028 (USD Billion)



List Of Figures

LIST OF FIGURES

- Fig. 1 Electric Motor Sales Market Segmentation
- Fig. 2 Electric Motor Sales Market Report Scope
- Fig. 3 Electric Motor Sales Market Size (Revenue in USD Billion) 2016-2028
- Fig. 4 Electric Motor Sales Industry Snapshot & Key Buying Criteria, 2016 2028
- Fig. 5 Electric Motor Sales Market Analysis Market Dynamics
- Fig. 6 Electric Motor Sales Market Analysis Market Drivers
- Fig. 7 Electric Motor Sales Market Analysis Market Restraints
- Fig. 8 Electric Motor Sales Market Analysis Market Opportunity
- Fig. 9 Electric Motor Sales Market Size and Growth Prospect Mapping, 2020
- Fig. 10 Electric Motor Sales Market Value Chain Analysis
- Fig. 11 Electric Motor Sales Market Analysis Porter's Five Forces Analysis
- Fig. 12 Electric Motor Sales Market Analysis PESTEL analysis
- Fig. 13 Electric Motor Sales Market Motor Type Movement Analysis, 2020 & 2028
- Fig. 14 Electric Motor Sales Market Power Output Movement Analysis, 2020 & 2028
- Fig. 15 Electric Motor Sales Market Application Movement Analysis, 2020 & 2028
- Fig. 16 Regional Marketplace: Key Takeaways
- Fig. 17 Electric Motor Sales Market Regional Movement Analysis, 2020 & 2028



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