

# **Electric AC Motors Market Analysis By Type (Synchronous, Induction), By Voltage (Integral, Fractional), By End-use (Industrial, Motor Vehicles, HVAC, Transportation, Household), And Segment Forecasts, 2014 - 2025**

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## **Abstracts**

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The global electric AC motors market is expected to reach USD 146.6 billion by 2025, according to a new report by Grand View Research, Inc. These products are widely used in compressors, fixed cranes, diesel electric engines, and domestic appliances. Their key advantages, such as cost-effectiveness and efficient operation in harsh environments, are making them suitable for a variety of applications. These high-efficiency products are likely to witness huge growth, owing to their low maintenance requirements, long operating life, and low power consumption.

The rising global demand for AC motors-driven engines is also spurring the market growth. Furthermore, factors, such as growing demand for HVAC equipment and industrial machinery, are projected to propel the market demand by 2025. AC motors have undergone numerous technological advancements over the past few years, which have resulted in increased demand for these motors.

The electric AC motors market is anticipated to witness substantial growth over the forecast period, owing to the rising number of industries across developed and developing countries. The market is further driven by the extensive adoption of these products in diverse industrial equipment such as fixed cranes, conveyor belts, electric saw, and so on.

The ever-rising fuel prices and mounting need among consumers for using cleaner sources of energy has driven the market growth for electric motors in the recent years. An AC motor acts as the key component of electric motors is likely to drive the demand. Furthermore, increasing environmental concerns and rising government initiatives pertaining to environment conservation continue to be the key drivers of the market growth.

HVAC systems are largely employed in various places such as commercial spaces, offices, and shopping malls. The growing rate of urbanization and enhanced standard of living have led to the large-scale installation of HVAC systems. AC motors are used in HVAC equipment to power air blowers that regulate air flow.

The ability of AC type to operate at different speeds, along with the increased dependability and operational efficiency of an equipment, is anticipated to lead to an increase in their adoption over the forecast period.

Further key findings from the report suggest:

The electric AC motors market was valued at USD 78.6 billion in 2016 and is predicted to grow at a CAGR of 7.3% over the forecast period, which can be attributed to their growing adoption in HVAC equipment and industrial machinery

The induction segment captured a major market share in 2016, owing to factors such as sturdy construction, low maintenance, and efficient operation in unfavorable environments

The increasing utilization of motors with integral HP output in hybrid electric vehicles is expected to boost the market prospects of the segment

AC motors are broadly adopted in the industrial machinery sector, owing to their benefits such as robust functioning and safe operations

The Asia Pacific region is projected to witness substantial growth with a CAGR exceeding 8% over the forecast period, owing to the increasing commercialization and industrialization in the developing economies such as China, India, and Japan

The key players, such as ABB Ltd., Toshiba, Baldor Electric Co., and Siemens AG, dominated the market in 2016 and focus on increasing market presence

through mergers and acquisitions.

## Contents

### CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Scope & Assumptions
- 1.3. List of Data Sources

### CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Electric AC motors regional marketplace: Key takeaways

### CHAPTER 3. ELECTRIC AC MOTORS INDUSTRY OUTLOOK

- 3.1. Market Segmentation
- 3.2. Market Size and Growth Prospects, 2014 - 2025
- 3.3. Value Chain Analysis
- 3.4. Market Dynamics
  - 3.4.1. Market driver analysis
    - 3.4.1.1. Cost-effectiveness
    - 3.4.1.2. Provide speed variation
    - 3.4.1.3. Operate efficiently in harsh environment
  - 3.4.2. Market restraint/challenge analysis
    - 3.4.2.1. Inability to operate at low speeds
    - 3.4.2.2. Poor positioning control
  - 3.4.3. Market opportunity analysis
    - 3.4.3.1. Growing HVAC market
    - 3.4.3.2. Increasing growth of industrial sector in Asia Pacific
- 3.5. Key Opportunities Prioritized
- 3.6. Industry Analysis - Porter's
- 3.7. PEST Analysis

### CHAPTER 4. ELECTRIC AC MOTORS MARKET: TYPE OUTLOOK

- 4.1. Electric AC Motors Market Share by Type, 2016 & 2025 (USD Billion)
- 4.2. Synchronous AC Motors
  - 4.2.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 4.2.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)
- 4.3. Induction AC Motors

- 4.3.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 4.3.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)

## **CHAPTER 5. ELECTRIC AC MOTORS MARKET: VOLTAGE OUTLOOK**

- 5.1. Electric AC Motors Market Share by Voltage, 2016 & 2025 (USD Billion)
- 5.2. Integral HP Output
  - 5.2.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 5.2.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)
- 5.3. Fractional HP Output
  - 5.3.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 5.3.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)

## **CHAPTER 6. ELECTRIC AC MOTORS MARKET: END USE OUTLOOK**

- 6.1. Electric AC Motors Market Share by End Use, 2016 & 2025 (USD Billion)
- 6.2. Industrial Machinery
  - 6.2.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 6.2.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)
- 6.3. Motor Vehicles
  - 6.3.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 6.3.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)
- 6.4. HVAC Equipment
  - 6.4.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 6.4.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)
- 6.5. Aerospace & Transportation
  - 6.5.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 6.5.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)
- 6.6. Household Appliances
  - 6.6.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 6.6.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)
- 6.7. Others
  - 6.7.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 6.7.2. Market estimates and forecast by region, 2014 - 2025 (USD Billion)

## **CHAPTER 7. ELECTRIC AC MOTORS MARKET: REGIONAL OUTLOOK**

- 7.1. Electric AC Motors Market Share by Region, 2016 & 2025 (USD Billion)
- 7.2. North America

- 7.2.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 7.2.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
- 7.2.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
- 7.2.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)
- 7.2.5. U.S.
  - 7.2.5.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 7.2.5.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
  - 7.2.5.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
  - 7.2.5.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)
- 7.2.6. Canada
  - 7.2.6.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 7.2.6.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
  - 7.2.6.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
  - 7.2.6.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)
- 7.3. Europe
  - 7.3.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 7.3.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
  - 7.3.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
  - 7.3.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)
  - 7.3.5. UK
    - 7.3.5.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
    - 7.3.5.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
    - 7.3.5.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
    - 7.3.5.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)
  - 7.3.6. Germany
    - 7.3.6.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
    - 7.3.6.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
    - 7.3.6.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
    - 7.3.6.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)
- 7.4. Asia Pacific
  - 7.4.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
  - 7.4.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
  - 7.4.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
  - 7.4.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)
  - 7.4.5. China
    - 7.4.5.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
    - 7.4.5.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
    - 7.4.5.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
    - 7.4.5.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)

#### 7.4.6. India

- 7.4.6.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 7.4.6.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
- 7.4.6.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
- 7.4.6.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)

#### 7.4.7. Japan

- 7.4.7.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 7.4.7.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
- 7.4.7.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
- 7.4.7.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)

#### 7.5. Latin America

- 7.5.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 7.5.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
- 7.5.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
- 7.5.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)

#### 7.5.5. Brazil

- 7.5.5.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 7.5.5.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
- 7.5.5.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
- 7.5.5.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)

#### 7.5.6. Mexico

- 7.5.6.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 7.5.6.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
- 7.5.6.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
- 7.5.6.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)

#### 7.6. Middle East & Africa

- 7.6.1. Market estimates and forecast, 2014 - 2025 (USD Billion)
- 7.6.2. Market estimates and forecast by type, 2014 - 2025 (USD Billion)
- 7.6.3. Market estimates and forecast by voltage, 2014 - 2025 (USD Billion)
- 7.6.4. Market estimates and forecast by end use, 2014 - 2025 (USD Billion)

## **CHAPTER 8. COMPETITIVE LANDSCAPE**

### 8.1. Ametek Inc.

- 8.1.1. Company overview
- 8.1.2. Financial performance
- 8.1.3. Product benchmarking
- 8.1.4. Strategic initiatives

### 8.2. Allied Motion Technologies Inc.



- 8.2.1. Company overview
- 8.2.2. Financial performance
- 8.2.3. Product benchmarking
- 8.2.4. Strategic initiatives
- 8.3. Baldor Electric Company Inc.
  - 8.3.1. Company overview
  - 8.3.2. Financial performance
  - 8.3.3. Product benchmarking
  - 8.3.4. Strategic initiatives
- 8.4. Siemens
  - 8.4.1. Company overview
  - 8.4.2. Financial performance
  - 8.4.3. Product benchmarking
  - 8.4.4. Strategic initiatives
- 8.5. Johnson Electric
  - 8.5.1. Company overview
  - 8.5.2. Financial performance
  - 8.5.3. Product benchmarking
  - 8.5.4. Strategic initiatives
- 8.6. Rockwell Automation Inc.
  - 8.6.1. Company overview
  - 8.6.2. Financial performance
  - 8.6.3. Product benchmarking
  - 8.6.4. Strategic initiatives
- 8.7. Franklin Electric Co. Inc.
  - 8.7.1. Company overview
  - 8.7.2. Financial performance
  - 8.7.3. Product benchmarking
  - 8.7.4. Strategic initiatives
- 8.8. Asmo Co. Ltd.
  - 8.8.1. Company overview
  - 8.8.2. Financial performance
  - 8.8.3. Product benchmarking
  - 8.8.4. Strategic initiatives



## List Of Tables

### LIST OF TABLES

- Table 1 Global electric AC motor market, 2014 - 2025 (USD Billion)
- Table 2 Global electric AC motor market, by type, 2014 - 2025 (USD Billion)
- Table 3 Global electric AC motor market, by region, 2014 - 2025 (USD Billion)
- Table 4 Global electric AC motor market, by power output, 2014 - 2025 (USD Billion)
- Table 5 Global electric AC motor market, by end-use, 2014 - 2025 (USD Billion)
- Table 6 Value chain component revenue percentage share
- Table 7 Synchronous motor market, 2014 - 2025 (USD Billion)
- Table 8 Synchronous motor market by region, 2014 - 2025 (USD Billion)
- Table 9 Induction motor market, 2014 - 2025 (USD Billion)
- Table 10 Induction motor market by region, 2014 - 2025 (USD Billion)
- Table 11 Integral HP output electric AC motor market, 2014 - 2025 (USD Billion)
- Table 12 Integral HP output electric AC motor market, by region, 2014 - 2025 (USD Billion)
- Table 13 Fractional HP output electric AC motor market, 2014 - 2025 (USD Billion)
- Table 14 Fractional HP output electric AC motor market, by region, 2014 - 2025 (USD Billion)
- Table 15 Electric AC motors demand in industrial machinery, 2014 - 2025 (USD Billion)
- Table 16 Electric AC motors demand in industrial machinery, by region, 2014 - 2025 (USD Billion)
- Table 17 Electric AC motors demand in motor vehicles, 2014 - 2025 (USD Billion)
- Table 18 Electric AC motors demand in motor vehicles, by region, 2014 - 2025 (USD Billion)
- Table 19 Electric AC motors demand in HVAC equipment, 2014 - 2025 (USD Billion)
- Table 20 Electric AC motors demand in HVAC equipment, by region, 2014 - 2025 (USD Billion)
- Table 21 Electric AC motors demand in aerospace & transportation, 2014 - 2025 (USD Billion)
- Table 22 Electric AC motors demand in aerospace & transportation, by region, 2014 - 2025 (USD Billion)
- Table 23 Electric AC motors demand in household appliances, 2014 - 2025 (USD Billion)
- Table 24 Electric AC motors demand in household appliances, by region, 2014 - 2025 (USD Billion)
- Table 25 Electric AC motors demand in others end-use segment, 2014 - 2025 (USD Billion)

Table 26 Electric AC motors demand in others end-use segment, by region, 2014 - 2025 (USD Billion)

Table 27 North America AC motors market by type, 2014 - 2025 (USD Billion)

Table 28 North America electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 29 North America electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 30 U.S. AC motors market by type, 2014 - 2025 (USD Billion)

Table 31 U.S. electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 32 U.S. electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 33 Canada AC motors market by type, 2014 - 2025 (USD Billion)

Table 34 Canada electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 35 Canada electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 36 Europe AC motors market by type, 2014 - 2025 (USD Billion)

Table 37 Europe electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 38 Europe electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 39 UK AC motors market by type, 2014 - 2025 (USD Billion)

Table 40 UK electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 41 UK electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 42 Germany AC motors market by type, 2014 - 2025 (USD Billion)

Table 43 Germany electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 44 Germany electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 45 Asia Pacific AC motors market by type, 2014 - 2025 (USD Billion)

Table 46 Asia Pacific electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 47 Asia Pacific electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 48 China AC motors market by type, 2014 - 2025 (USD Billion)

Table 49 China electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 50 China electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 51 India AC motors market by type, 2014 - 2025 (USD Billion)

Table 52 India electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 53 India electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 54 Japan AC motors market by type, 2014 - 2025 (USD Billion)

Table 55 Japan electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 56 Japan electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 57 Latin America AC motors market by type, 2014 - 2025 (USD Billion)

Table 58 Latin America electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 59 Latin America electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 60 Brazil AC motors market by type, 2014 - 2025 (USD Billion)

Table 61 Brazil electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 62 Brazil electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 63 Mexico AC motors market by type, 2014 - 2025 (USD Billion)

Table 64 Mexico electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 65 Mexico electric AC motor market by end-use, 2014 - 2025 (USD Billion)

Table 66 Middle East and Africa AC motors market by type, 2014 - 2025 (USD Billion)

Table 67 Middle East and Africa electric AC motor market by power output, 2014 - 2025 (USD Billion)

Table 68 Middle East and Africa electric AC motor market by end-use, 2014 - 2025 (USD Billion)

## List Of Figures

### LIST OF FIGURES

- Fig. 1 Research process
- Fig. 2 Information procurement
- Fig. 3 Electric AC motor regional marketplace: Key takeaways
- Fig. 4 Electric AC motors - Market segmentation and scope
- Fig. 5 Electric AC motors - Market size and growth prospects, 2014 - 2025 (USD Billion)
- Fig. 6 Electric AC motors - Value chain analysis
- Fig. 7 Electric AC motors - Market dynamics
- Fig. 8 Electric AC motors - Market driver relevance analysis (current and future impact)
- Fig. 9 Electric AC motors - Market restraint/challenge relevance analysis (Current & future impact)
- Fig. 10 Electric AC motors - Market opportunity relevance analysis (current & future impact)
- Fig. 11 Electric AC motors - Penetration and growth prospect mapping
- Fig. 12 Electric AC motors - Porter's analysis
- Fig. 13 Electric AC motors - PEST analysis
- Fig. 14 Global electric AC motor type outlook, 2016 and 2025
- Fig. 15 Global electric AC motor power output outlook, 2016 & 2025
- Fig. 16 Global electric AC motor end-use outlook, 2016 & 2025
- Fig. 17 Global electric AC motor regional outlook, 2016 & 2025
- Fig. 18 Europe electric AC motor market - Key takeaways
- Fig. 19 Asia Pacific electric AC motor market - Key takeaways
- Fig. 20 Latin America and Middle East & Africa electric AC motor market - Key takeaways

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