

UAE Electric Motor Market Report by Efficiency (Standard Efficiency Electric Motors, High Efficiency Electric Motors, Premium Efficiency Electric Motors, Super Premium Efficiency Electric Motors), End Use Industry (HVAC, Oil and Gas, Food, Beverage and Tobacco, Mining, Water and Utilities, and Others), Application (Pumps and Fans, Compressors, Other Applications) 2024-2032

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Abstracts

The UAE electric motor market size reached US\$ 27.8 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 50.6 Million by 2032, exhibiting a growth rate (CAGR) of 6.7% during 2024-2032.

An electric motor is a type of electromechanical device that converts electrical energy into mechanical energy. It operates on the electromagnetic induction principle, which states that a current-carrying conductor is set to experience a force in the presence of a magnetic field. Electric motors offer long operating life, high tolerance for fluctuating voltages, low energy consumption, and require little maintenance. Owing to such beneficial properties, electric motors are extensively used in industrial machinery, motor vehicles, household appliances, heating, ventilating, and air-conditioning (HVAC) equipment, and aerospace and transportation sectors. In the UAE, the market for electric motors has been exhibiting potential for significant growth as there has been a rise in the purchasing power of consumers led by the increasing per capita income.

Over the past few years, electric motors have found applications in the water and wastewater sectors across the UAE. Moreover, there have been several initiatives

undertaken by the government to promote the production and sales of electric vehicles (EVs) in the country due to a rise in environmental concerns. For instance, the Road Transport Authority (RTA) and Dubai Electricity and Water Authority (DEWA) have entered into a partnership to encourage the EV market by installing charging stations and offering incentives, such as free parking and toll and registration fees exemption. The resulting penetration of EVs would have a positive impact on the growth of the electric motors in the country. Besides this, a rapid rise in oil prices is further prodding consumers in the UAE toward electric vehicles. Owing to this, international industry players are currently investing in the establishment of production facilities in the country to expand their consumer base for electric cars. Such establishments and expansions are further expected to impel the production volumes of electric motors in the country.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the UAE electric motor market report, along with forecasts for the period 2024-2032. Our report has categorized the market based on efficiency, end use industry and application.

Breakup by Efficiency:

- Standard Efficiency Electric Motors
- High Efficiency Electric Motors
- Premium Efficiency Electric Motors
- Super Premium Efficiency Electric Motors

At present, high efficiency electric motors account for the largest demand segment in the country.

Breakup by End Use Industry:

- HVAC
- Oil and Gas
- Food, Beverage and Tobacco
- Mining
- Water and Utilities
- Others

Currently, HVAC is the most prominent end user in the market, accounting for the majority of the total market share.

Breakup by Application:

Pumps and Fans
Compressors
Other Applications

Presently, electric motors are majorly employed in pumps and fans in the UAE.

Competitive Landscape:

The report has also analyzed the competitive landscape of the market with detailed profiles of some of the key players operating in the industry.

Key Questions Answered in This Report

1. What was the size of the UAE electric motor market in 2023?
2. What is the expected growth rate of the UAE electric motor market during 2024-2032?
3. What are the key factors driving the UAE electric motor market?
4. What has been the impact of COVID-19 on the UAE electric motor market?
5. What is the breakup of the UAE electric motor market based on the efficiency?
6. What is the breakup of the UAE electric motor market based on the end use industry?
7. What is the breakup of the UAE electric motor market based on the application?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL ELECTRIC MOTOR MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Market Breakup by Product Type
- 5.4 Market Breakup by Region
- 5.5 Market Breakup by End Use
- 5.6 Market Forecast

6 GLOBAL LOW VOLTAGE ELECTRIC MOTOR MARKET

- 6.1 Market Overview
- 6.2 Market Performance
- 6.3 Market Breakup by Power Ratings
- 6.4 Market Breakup by Efficiency
- 6.5 Market Breakup by End Use Industry

6.6 Market Breakup by Application

6.7 Market Breakup by Region

6.8 Market Forecast

7 GCC LOW VOLTAGE ELECTRIC MOTOR MARKET

7.1 Market Overview

7.2 Market Performance

7.3 Market Breakup by Power Ratings

7.4 Market Breakup by Efficiency

7.5 Market Breakup by End Use Industry

7.6 Market Breakup by Application

7.7 Market Breakup by Region

7.8 Market Forecast

8 UAE LOW VOLTAGE ELECTRIC MOTOR MARKET

8.1 Market Overview

8.2 Market Performance

8.3 Impact of COVID-19

8.4 Market Breakup by Power Ratings

8.5 Market Breakup by Efficiency

8.6 Market Breakup by End Use Industry

8.7 Market Breakup by Application

8.8 Market Forecast

8.9 SWOT Analysis

8.9.1 Overview

8.9.2 Strengths

8.9.3 Weaknesses

8.9.4 Opportunities

8.9.5 Threats

8.10 Value Chain Analysis

8.10.1 Raw Material Procurement

8.10.2 Manufacturing

8.10.3 Distribution

8.10.4 Export

8.10.5 End-Use

8.11 Porters Five Forces Analysis

8.11.1 Overview

- 8.11.2 Bargaining Power of Buyers
- 8.11.3 Bargaining Power of Suppliers
- 8.11.4 Degree of Competition
- 8.11.5 Threat of New Entrants
- 8.11.6 Threat of Substitutes

9 UAE ELECTRIC MOTOR (LOW VOLTAGE) MARKET: PERFORMANCE BY EFFICIENCY

- 9.1 Standard Efficiency Electric Motors
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 High Efficiency Electric Motors
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Premium Efficiency Electric Motors
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Super Premium Efficiency Electric Motors
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast

10 UAE ELECTRIC MOTOR (LOW VOLTAGE) MARKET: PERFORMANCE BY END USE INDUSTRY

- 10.1 HVAC
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast
- 10.2 Oil and Gas
 - 10.2.1 Market Trends
 - 10.2.2 Market Forecast
- 10.3 Food, Beverage and Tobacco
 - 10.3.1 Market Trends
 - 10.3.2 Market Forecast
- 10.4 Mining
 - 10.4.1 Market Trends
 - 10.4.2 Market Forecast
- 10.5 Water and Utilities
 - 10.5.1 Market Trends

- 10.5.2 Market Forecast
- 10.6 Others
 - 10.6.1 Market Trends
 - 10.6.2 Market Forecast

11 UAE ELECTRIC MOTOR (LOW VOLTAGE) MARKET: PERFORMANCE BY APPLICATIONS

- 11.1 Pumps and Fans
 - 11.1.1 Market Trends
 - 11.1.2 Market Forecast
- 11.2 Compressors
 - 11.2.1 Market Trends
 - 11.2.2 Market Forecast
- 11.3 Other Applications
 - 11.3.1 Market Trends
 - 11.3.2 Market Forecast

12 COMPETITIVE LANDSCAPE

- 12.1 Market Structure
- 12.2 Key Players

13 ELECTRIC MOTOR MANUFACTURING PROCESS

- 13.1 Product Overview
- 13.2 Detailed Process Flow
- 13.3 Various Types of Unit Operations Involved
- 13.4 Mass Balance and Raw Material Requirements

14 PROJECT DETAILS, REQUIREMENTS AND COSTS INVOLVED

- 14.1 Land Requirements and Expenditures
- 14.2 Construction Requirements and Expenditures
- 14.3 Plant Layout
- 14.4 Plant Machinery
- 14.5 Machinery Pictures
- 14.6 Raw Material Requirements and Expenditures
- 14.7 Packaging Requirements and Expenditures

- 14.8 Utilities Requirements and Expenditures
- 14.9 Manpower Requirements and Expenditures
- 14.10 Other Capital Investments

15 LOANS AND FINANCIAL ASSISTANCE

16 PROJECT ECONOMICS

- 16.1 Capital Cost of the Project
- 16.2 Techno-Economic Parameters
- 16.3 Product Pricing and Margins Across Various Levels of the Supply Chain
- 16.4 Taxation and Depreciation
- 16.5 Income Projections
- 16.6 Expenditure Projections
- 16.7 Financial Analysis
- 16.8 Profit Analysis

17 KEY PLAYER PROFILES

List Of Tables

LIST OF TABLES

Table 1: Global: Electric Motor Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Low Voltage Electric Motor Market: Key Industry Highlights, 2023 and 2032

Table 3: GCC: Low Voltage Electric Motor Market: Key Industry Highlights, 2023 and 2032

Table 4: UAE: Low Voltage Electric Motor Market: Key Industry Highlights, 2023 and 2032

Table 5: UAE: Electric Motor Market: Competitive Structure

Table 6: UAE: Low Voltage Electric Motor Market Forecast: Breakup by Power Ratings (in Million US\$), 2024-2032

Table 7: UAE: Low Voltage Electric Motor Market Forecast: Breakup by Efficiency (in Million US\$), 2024-2032

Table 8: UAE: Low Voltage Electric Motor Market Forecast: Breakup by End Use Industry (in Million US\$), 2024-2032

Table 9: UAE: Low Voltage Electric Motor Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 10: Electric Motors Manufacturing Plant: Costs Related to Land and Site Development (in US\$)

Table 11: Electric Motors Manufacturing Plant: Techno-Economic Parameters

Table 12: Electric Motor Manufacturing Plant: Taxation (in US\$)

Table 13: Electric Motor Manufacturing Plant: Depreciation (in US\$)

Table 14: Electric Motor Manufacturing Plant: Income Projections (in US\$)

Table 15: Electric Motor Manufacturing Plant: Expenditure Projections (in US\$)

Table 16: Electric Motor Manufacturing Plant: Cash Flow Analysis Without Considering the Income Tax Liability (in US\$)

Table 17: Electric Motor Manufacturing Plant: Cash Flow Analysis on Considering the Income Tax Liability (in US\$)

Table 18: Electric Motor Manufacturing Plant: Profitability Analysis (in US\$)

List Of Figures

LIST OF FIGURES

Figure 1: UAE: Electric Motor Market: Major Drivers and Challenges

Figure 2: Global: Electric Motor Market: Value Trends (in Billion US\$), 2018-2023

Figure 3: Global: Electric Motor Market: Breakup by Product Type (in %), 2023

Figure 4: Global: Electric Motor Market: Breakup by Region (in %), 2023

Figure 5: Global: Electric Motor Market: Breakup by End Use (in %), 2023

Figure 6: Global: Electric Motor Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 7: Global: Low Voltage Electric Motor Market: Value Trends (in Billion US\$), 2018-2023

Figure 8: Global: Low Voltage Electric Motor Market: Breakup by Power Ratings (in %), 2023

Figure 9: Global: Low Voltage Electric Motor Market: Breakup by Efficiency (in %), 2023

Figure 10: Global: Low Voltage Electric Motor Market: Breakup by End Use Industry (in %), 2023

Figure 11: Global: Low Voltage Electric Motor Market: Breakup by Application (in %), 2023

Figure 12: Global: Low Voltage Electric Motor Market: Breakup by Region (in %), 2023

Figure 13: Global: Low Voltage Electric Motor Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 14: GCC: Low Voltage Electric Motor Market: Value Trends (in Billion US\$), 2018-2023

Figure 15: GCC: Low Voltage Electric Motor Market: Breakup by Power Ratings (in %), 2023

Figure 16: GCC: Low Voltage Electric Motor Market: Breakup by Efficiency (in %), 2023

Figure 17: GCC: Low Voltage Electric Motor Market: Breakup by End Use Industry (in %), 2023

Figure 18: GCC: Low Voltage Electric Motor Market: Breakup by Application (in %), 2023

Figure 19: GCC: Low Voltage Electric Motor Market: Breakup by Region (in %), 2023

Figure 20: GCC: Low Voltage Electric Motor Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 21: UAE: Low Voltage Electric Motor Market: Value Trends (in Million US\$), 2018-2023

Figure 22: UAE: Low Voltage Electric Motor Market: Breakup by Power Ratings (in %), 2023

Figure 23: UAE: Low Voltage Electric Motor Market: Breakup by Efficiency (in %), 2023

Figure 24: UAE: Low Voltage Electric Motor Market: Breakup by End Use Industry (in %), 2023

Figure 25: UAE: Low Voltage Electric Motor Market: Breakup by Application (in %), 2023

Figure 26: UAE: Low Voltage Electric Motor Market Forecast: Value Trends (in Million US\$), 2024-2032

Figure 27: UAE: Electric Motor Industry: SWOT Analysis

Figure 28: UAE: Electric Motor Industry: Value Chain Analysis

Figure 29: UAE: Electric Motor Industry: Porter's Five Forces Analysis

Figure 30: UAE: Electric Motor (Low Voltage) Market: Standard Efficiency Electric Motors: Value Trends (in Million US\$), 2018 & 2023

Figure 31: UAE: Electric Motor (Low Voltage) Market Forecast: Standard Efficiency Electric Motors: Value Trends (in Million US\$), 2024-2032

Figure 32: UAE: Electric Motor (Low Voltage) Market: High Efficiency Electric Motors: Value Trends (in Million US\$), 2018 & 2023

Figure 33: UAE: Electric Motor (Low Voltage) Market Forecast: High Efficiency Electric Motors: Value Trends (in Million US\$), 2024-2032

Figure 34: UAE: Electric Motor (Low Voltage) Market: Premium Efficiency Electric Motors: Value Trends (in Million US\$), 2018 & 2023

Figure 35: UAE: Electric Motor (Low Voltage) Market Forecast: Premium Efficiency Electric Motors: Value Trends (in Million US\$), 2024-2032

Figure 36: UAE: Electric Motor (Low Voltage) Market: Super Premium Efficiency Electric Motors: Value Trends (in Million US\$), 2018 & 2023

Figure 37: UAE: Electric Motor (Low Voltage) Market Forecast: Super Premium Efficiency Electric Motors: Value Trends (in Million US\$), 2024-2032

Figure 38: UAE: Electric Motor (Low Voltage) Market: HVAC Applications: Value Trends (in Million US\$), 2018 & 2023

Figure 39: UAE: Electric Motor (Low Voltage) Market Forecast: HVAC Applications: Value Trends (in Million US\$), 2024-2032

Figure 40: UAE: Electric Motor (Low Voltage) Market: Oil and Gas Applications: Value Trends (in Million US\$), 2018 & 2023

Figure 41: UAE: Electric Motor (Low Voltage) Market Forecast: Oil and Gas Applications: Value Trends (in Million US\$), 2024-2032

Figure 42: UAE: Electric Motor (Low Voltage) Market: Food, Beverage and Tobacco Applications: Value Trends (in Million US\$), 2018 & 2023

Figure 43: UAE: Electric Motor (Low Voltage) Market Forecast: Food, Beverage and Tobacco Applications: Value Trends (in Million US\$), 2024-2032

Figure 44: UAE: Electric Motor (Low Voltage) Market: Mining Applications: Value Trends

(in Million US\$), 2018 & 2023

Figure 45: UAE: Electric Motor (Low Voltage) Market Forecast: Mining Applications: Value Trends (in Million US\$), 2024-2032

Figure 46: UAE: Electric Motor (Low Voltage) Market: Water and Utilities Application: Value Trends (in Million US\$), 2018 & 2023

Figure 47: UAE: Electric Motor (Low Voltage) Market Forecast: Water and Utilities Application: Value Trends (in Million US\$), 2024-2032

Figure 48: UAE: Electric Motor (Low Voltage) Market: Other Applications: Value Trends (in Million US\$), 2018 & 2023

Figure 49: UAE: Electric Motor (Low Voltage) Market Forecast: Other Applications: Value Trends (in Million US\$), 2024-2032

Figure 50: UAE: Electric Motor (Low Voltage) Market: Applications in Pump and Fan: Value Trends (in Million US\$), 2018 & 2023

Figure 51: UAE: Electric Motor (Low Voltage) Market Forecast: Applications in Pump and Fan: Value Trends (in Million US\$), 2024-2032

Figure 52: UAE: Electric Motor (Low Voltage) Market: Applications in Compressors: Value Trends (in Million US\$), 2018 & 2023

Figure 53: UAE: Electric Motor (Low Voltage) Market Forecast: Applications in Compressors: Value Trends (in Million US\$), 2024-2032

Figure 54: UAE: Electric Motor (Low Voltage) Market: Other Applications: Value Trends (in Million US\$), 2018 & 2023

Figure 55: UAE: Electric Motor (Low Voltage) Market Forecast: Other Applications: Value Trends (in Million US\$), 2024-2032

Figure 56: UAE: Electric Motor Market: Share of Key Players (in %)

Figure 57: Electric Motor: Major Parts and Assembly Line Operations

Figure 58: Electric Motor Assembling: Various Types of Unit Operations Involved

Figure 59: AC Squirrel Cage Induction Motor Manufacturing Process: Conversion Rate of Products

Figure 60: DC Brushless Motor Manufacturing Process: Conversion Rate of Products

Figure 61: Interior Permanent Magnet Motor Manufacturing Process: Conversion Rate of Products

Figure 62: Electric Motors Manufacturing Plant: Proposed Plant Layout

Figure 63: Electric Motors Manufacturing Plant: Breakup of Capital Costs (in %)

Figure 64: Electric Motor Manufacturing Plant: Breakup of Profit Margins at Various Level of the Supply Chain

Figure 65: Electric Motors Manufacturing Plant: Breakup of Production Costs (in %)

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