

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?

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