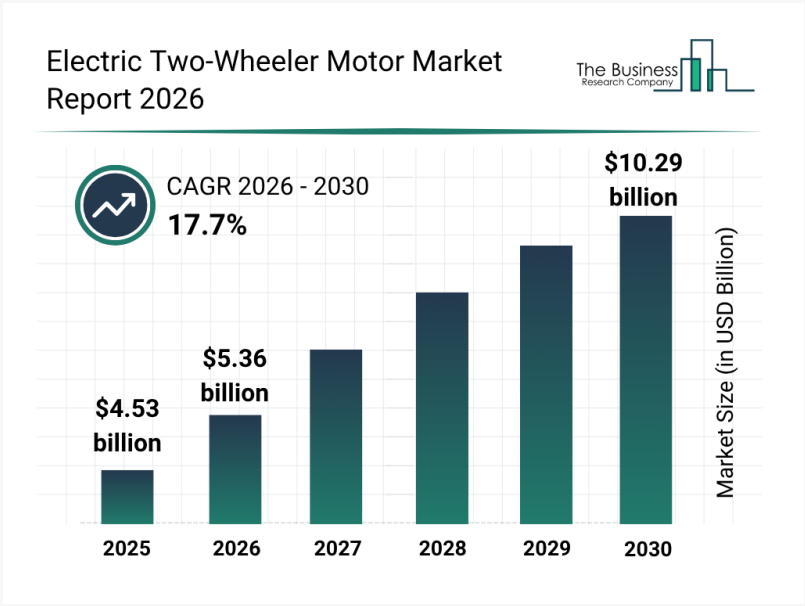
Electric Two-Wheeler Motor Market Size to Reach Billion by 2030 with CAGR

The Business Research Company's Electric Two-Wheeler Motor Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, September 18, 2026 /EINPresswire.com/ -- "The electric two-wheeler motor market has been experiencing swift expansion as electric mobility gains traction worldwide. This sector plays a crucial role in powering electric scooters and motorcycles, which are becoming increasingly popular for their eco-friendliness and cost efficiency. Let's explore the current market size, key growth drivers, regional dynamics, and emerging trends shaping this industry.



Electric Two-Wheeler Motor Market Share

The Business Research Company

Current Market Size and Growth Trajectory of the Electric Two-Wheeler Motor Market

The electric two-wheeler motor market has witnessed rapid growth recently, with its valuation projected to rise from $4.53 billion in 2025 to $5.36 billion in 2026, reflecting an impressive compound annual growth rate (CAGR) of 18.2%. This historical growth has been driven by an upsurge in electric scooter adoption, escalating fuel prices, the expansion of urban mobility initiatives, increasing governmental incentives aimed at electric vehicles, and heightened environmental consciousness among buyers.

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Wheeler%20Motor%20Market%20Report%202026&utm_source=EINPresswire&utm_medium=paid&utm_campaign=Sep_PR

Looking ahead, the market is expected to continue its brisk expansion, reaching $10.29 billion by 2030 with a CAGR of 17.7%. The anticipated growth is supported by several factors, including the development of electric vehicle charging infrastructures, wider acceptance of advanced high-performance battery systems, increased electrification in last-mile delivery services, technological progress in motor efficiency, and growing investments in electric mobility startups. Key trends forecasted to influence the market include rising demand for high-efficiency electric hub motors tailored for urban transport, the growing use of permanent magnet synchronous motors for enhanced torque and performance, a preference for lightweight compact motor designs in electric two-wheelers, focus on energy-efficient drivetrain systems to extend range, and the integration of smart motor control and thermal management technologies.

Understanding the Role of Electric Two-Wheeler Motors
Electric two-wheeler motors function as electromechanical devices that transform electrical energy stored in batteries into mechanical force, which propels the wheels of electric two-wheelers. They generate the necessary torque and rotational power to manage acceleration, speed, and overall vehicle movement. Operating on electromagnetic principles, these motors are seamlessly integrated into the vehicle's powertrain to deliver efficient and dependable performance.

View the full electric two-wheeler motor market report:
https://www.thebusinessresearchcompany.com/report/electric-two-wheeler-motor-market-report?utm_source=EINPresswire&utm_medium=paid&utm_campaign=Sep_PR

Key Factors Driving Growth in the Electric Two-Wheeler Motor Market
The surge in sales of electric scooters and motorcycles is a primary factor propelling the electric two-wheeler motor market forward. These vehicles rely on rechargeable batteries and electric motors rather than traditional internal combustion engines, appealing to consumers looking for affordable and sustainable transportation options. Rising fuel prices incentivize more people to switch to electric two-wheelers, which typically offer lower operational and maintenance costs. The motors are essential in converting electrical power from batteries into mechanical energy, enabling smooth and efficient propulsion.

To illustrate, in December 2025, the International Council on Clean Transportation (ICCT), a US-based nonprofit research group, reported that electric two-wheelers accounted for 15% of global sales during the first ten months of 2025, a slight increase from 14% in 2024. This growth in electric scooter and motorcycle sales continues to bolster demand for electric two-wheeler motors.

Regional Market Size and Fastest Growing Markets in Electric Two-Wheeler Motors
In 2025, Asia-Pacific emerged as the largest regional market for electric two-wheeler motors and

is projected to be the fastest-growing area during the forecast period. The regional analysis in the market report encompasses Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a broad understanding of global market dynamics and growth opportunities.

New analytical features added to our 2026 market reports:

• Market attractiveness scoring and analysis
• Total addressable market (TAM) analysis
• Company scoring matrix graphics and tables
• Excel-based forecasting dashboards
• Market hotspots infographics
• Key technologies and future trend analysis
• Updated graphics and tables

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