

# **Turkey Electric Two-Wheeler Market Size, Share, Trends and Forecast by Vehicle Type, Battery Type, Voltage Type, Peak Power, Battery Technology, Motor Placement, and Region, 2026-2034**

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## **Abstracts**

The Turkey electric two-wheeler market size reached USD 642.7 Million in 2025. The market is projected to reach USD 1,686.0 Million by 2034, exhibiting a growth rate (CAGR) of 10.97% during 2026-2034. Rapid urbanization in Turkey's cities has caused traffic congestion and pollution, making electric two-wheelers an ideal, compact, and eco-friendly solution for easier urban mobility. Government incentives like subsidies, tax breaks, and charging infrastructure reduce costs and encourage adoption. Meanwhile, rising environmental awareness motivates consumers especially younger urbanites to choose zero-emission, cost-effective electric two-wheelers. Together, these factors driving Turkey's electric two-wheeler market share by addressing practical, economic, and environmental needs.

### **TURKEY ELECTRIC TWO-WHEELER MARKET TRENDS:**

#### **Growing Urbanization and Traffic Congestion**

Urbanization has accelerated in Turkey, raising population density in large cities such as Istanbul, Ankara, and Izmir to a critical level, creating heavy traffic congestion and pollution. With an increasing number of people using private transport, roads become more congested, resulting in time wastage and increased emissions. Electric two-wheelers have the efficient solution because they provide compact, agile, and environmentally friendly transportation suitable for traffic-congested urban settings. Their compact size makes them easier to park and more convenient to travel along congested traffic. Moreover, electric two-wheelers release no tailpipe emissions,

enhancing air quality. This synergy between convenience and environmental advantage spurs both consumer demand and local government support for electric mobility solutions, leading to increased adoption of electric scooters and bicycles, which eases urban traffic congestion and pollution, turning urbanization and congestion into a primary Turkey's electric two-wheeler market trend.

### Government Incentives and Supportive Policies

The Turkish government actively supports the electric two-wheeler market through financial subsidies, tax reductions, and exemptions that make these vehicles more affordable. This, combined with significant investments in charging infrastructure, improves accessibility and convenience for users. The Turkish Energy Market Regulatory Authority (EMRA) projects that by 2030, electric vehicles will number 2.03 million, supported by 142,000 charging points, growing to 3.3 million vehicles and 273,000 charging points by 2035. These efforts align with Turkey's commitment to reducing carbon emissions and meeting international climate goals. Regulatory frameworks encourage green mobility, reducing adoption barriers and boosting consumer confidence. As a result, these supportive policies stimulate demand and attract manufacturers and investors, positioning government incentives as a key driver behind the rapid growth of the electric two-wheeler sector in Turkey.

### Rising Environmental Awareness Among Consumers

Environmental issues are rapidly impacting Turkey electric two-wheeler market growth. Increasing knowledge of climate change, air pollution, and eco-friendly living fuels the demand for cleaner transport options. Electric two-wheelers attract green consumers due to their zero-emission nature, cutting urban air pollution and supporting climate objectives. The affordability of electric two-wheelers, with reduced running and maintenance costs compared to fuel-based vehicles, is another draw. Youth generations and urban residents are particularly inclined toward the adoption of electric scooters and bicycles for short distances and last-mile connectivity. This change in attitude is an indicator of a larger societal inclination toward green products, and thus environment concern is a major driver of the growth in Turkey's electric two-wheeler market.

### TURKEY ELECTRIC TWO-WHEELER MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for 2026-2034. Our report has

categorized the market based on vehicle type, battery type, voltage type, peak power, battery technology, and motor placement.

#### Vehicle Type Insights:

Electric Scooter/Moped

Electric Motorcycle

The report has provided a detailed breakup and analysis of the market based on the vehicle type. This includes electric scooter/moped and electric motorcycle.

#### Battery Type Insights:

Lithium-Ion

Sealed Lead Acid (SLA)

A detailed breakup and analysis of the market based on the battery type have also been provided in the report. This includes lithium-ion and sealed lead acid (SLA).

#### Voltage Type Insights:

96V

A detailed breakup and analysis of the market based on the voltage type have also been provided in the report. This includes 96V.

#### Peak Power Insights:

10 kW

A detailed breakup and analysis of the market based on the peak power have also been provided in the report. This includes 10 kW.

### Battery Technology Insights:

Removable

Non-Removable

A detailed breakup and analysis of the market based on the battery technology have also been provided in the report. This includes removable and non-removable.

### Motor Placement Insights:

Hub Type

Chassis Mounted

A detailed breakup and analysis of the market based on the motor placement have also been provided in the report. This includes hub type and chassis mounted.

### Regional Insights:

Marmara

Central Anatolia

Mediterranean

Aegean

Southeastern Anatolia

Black Sea

Eastern Anatolia

The report has also provided a comprehensive analysis of all the major regional markets, which include Marmara, Central Anatolia, Mediterranean, Aegean,

Southeastern Anatolia, Black Sea, Eastern Anatolia.

## COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

## KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Turkey electric two-wheeler market performed so far and how will it perform in the coming years?

What is the breakup of the Turkey electric two-wheeler market on the basis of vehicle type?

What is the breakup of the Turkey electric two-wheeler market on the basis of battery type?

What is the breakup of the Turkey electric two-wheeler market on the basis of voltage type?

What is the breakup of the Turkey electric two-wheeler market on the basis of peak power?

What is the breakup of the Turkey electric two-wheeler market on the basis of battery technology?

What is the breakup of the Turkey electric two-wheeler market on the basis of motor placement?

What is the breakup of the Turkey electric two-wheeler market on the basis of region?

What are the various stages in the value chain of the Turkey electric two-wheeler market?

What are the key driving factors and challenges in the Turkey electric two-wheeler market?

What is the structure of the Turkey electric two-wheeler market and who are the key players?

What is the degree of competition in the Turkey electric two-wheeler market?

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