Electric Two-Wheeler Market Forecast to 2030

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- Enterprisewide Price $7250.00

Report description:

Electric Two-Wheeler Market Forecast to 2030
Market Overview
The primary market forces encouraging industry growth include rising environmental concerns, an increase in the use of electric motorbikes and e-bikes for short commutes, and rising spending by ride-hailing companies in the micro-mobility space. Increased use of electric two-wheelers and government-sponsored electrification initiatives to fuel market expansion. OEMs will be able to expand their revenue streams and geographic reach as governments increase their investments in infrastructure for charging and offer incentives to users.
The market for electric two-wheelers is also growing as a result of the price hike of petroleum products. The negative impact of the growing cost of fuel is already being felt by consumers in developing countries. Low cost and low fuel consumption of the electric two-wheelers as compared to the conventional two-wheelers, make them more lucrative. This scooter would likely have a longer range than the existing model of electric two-wheeler, according to the manufacturers. Maintenance won't be a problem because there are fewer moving parts than on traditional two-wheelers. Battery replacement is the most expensive maintenance task and is not performed regularly. As a result, it is projected that this factor will accelerate worldwide electric two-wheeler market growth.
Segment Overview
The market for electric two-wheelers has been segmented into four groups: type, battery, voltage, and region. Electric motorcycles and scooters are the two types of electric two-wheelers that make up the market category for them. Segmentation of the electric two-wheeler market based on battery type, including lithium-ion, sealed lead acid, and others. The statistics for the electric two-wheeler market is divided into four categories based on voltage: 48V, 36V, 24V, and more than 48V.
Regional Analysis
The analysis offers market information for North America, Asia-Pacific, Europe, and other nations, organized by region. The region's quick adoption of electric two-wheelers and the growth of the regional market can be attributed to factors such as increasing urbanization, rising per capita income, and government policies that are supportive of electric vehicles. Further, the United States, South Korea, Japan,Canada, Germany, Spain, France, the United Kingdom, Australia, Italy, China, India, and Brazil are among the important nations examined in the market analysis for electric two-wheelers.
The market for electric two-wheelers in Europe is anticipated to expand significantly between 2022 and 2030. This significant growth can be attributed to the region's fast urbanization, which increases air pollution, greenhouse gas emissions, and energy

waste. The second-fastest rising market share for electric two-wheelers is in North America. The factors that contributed to the significant growth of this region include rising investments by shared mobility players in electric two-wheeler companies, lowering battery prices in the US, and increasing attempts by major two-wheeler companies to offer electric two-wheelers. Additionally, the United States had the biggest market share for electric two-wheelers, while Canada had the quickest rate of expansion.

Major Players

Among the top businesses operating in the global market for electric two-wheelers are Vmoto Limited (Australia),China Zhongneng Vehicle Group Co. (China), GOVECS AG (Germany), Zero Motorcycles Inc. (US), Jiangsu Xinri E-Vehicle Co. Ltd. (China), Wuxi YADEA Export-Import Co. Ltd. (China), Niu International (China), Ampere Vehicles (India), and Energica Motor Company S.

COVID 19 Impacts

The COVID-19 epidemic significantly disrupted the auto sector, which in turn had an effect on consumer demand for electric automobiles, electric two-wheelers, and electric three-wheelers. Similar to the section of three-wheelers powered by fossil fuels, electric three-wheelers saw the greatest effects of the pandemic. In order to increase sales of battery swapping technology, the government permitted registration of electric vehicles without their batteries during 2021. Only a small number of manufacturers, mostly in the electric two-wheeler market, produce cars using battery switching technology.

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