

Global Lightweight New Energy Vehicle Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Lightweight New Energy Vehicle market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

New energy vehicles are an important environmentally friendly and energy-saving means of transportation, but due to the weight of components such as batteries, the overall weight of new energy vehicles is often heavier than that of traditional fuel vehicles, which leads to some problems, such as low energy utilization efficiency, short driving range, poor power performance, and increased load on suspension and braking systems. In order to solve these problems, lightweight new energy vehicles have emerged.

Lightweight new energy vehicles use lightweight materials and technologies to reduce vehicle weight, improve energy efficiency and driving range, and thus reduce energy consumption and emissions of new energy vehicles. Common lightweight materials include high-strength steel, aluminum alloy, carbon fiber, and so on. In addition, lightweight technologies such as optimizing vehicle structure, reducing vehicle weight, improving battery technology, and increasing motor efficiency can also effectively reduce the overall weight of new energy vehicles.

The advantages of lightweight new energy vehicles include: improving energy utilization efficiency and driving range, reducing energy consumption and emissions, improving power performance and suspension and braking systems, etc., thus improving the overall performance and competitiveness of new energy vehicles. Lightweight

technology has become one of the important directions for the development of China's new energy vehicle industry and is also a basic technology for the development of new energy vehicles. Experiments have shown that if the weight of a car is reduced by 10%, energy efficiency can be increased by 6%-8%, and the range can be increased by 5.5%

This report is a detailed and comprehensive analysis for global Lightweight New Energy Vehicle market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Material and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global Lightweight New Energy Vehicle market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Lightweight New Energy Vehicle market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Lightweight New Energy Vehicle market size and forecasts, by Material and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Lightweight New Energy Vehicle market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Lightweight New Energy Vehicle

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Lightweight New Energy Vehicle market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BYD, Tesla, Nissan, Renault and BMW, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Lightweight New Energy Vehicle market is split by Material and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Material, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Material

Aluminum Alloy Material Car

Carbon Fiber Material Car

Plastic Material Car

Titanium Alloy Material Car

Market segment by Application

Household Electric Vehicles

Commercial Electric Vehicles

Major players covered

BYD

Tesla

Nissan

Renault

BMW

Ford

Volkswagen

Hyundai

KIA

Huawei

BAW

Changan Auto

DongFeng

BaoJun

Chery

Wuling

Zotye

Geely

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Lightweight New Energy Vehicle product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Lightweight New Energy Vehicle, with price, sales, revenue and global market share of Lightweight New Energy Vehicle from 2018 to 2023.

Chapter 3, the Lightweight New Energy Vehicle competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Lightweight New Energy Vehicle breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Material and application, with sales market share and growth rate by material, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Lightweight New Energy Vehicle market forecast, by regions, material and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Lightweight New Energy Vehicle.

Chapter 14 and 15, to describe Lightweight New Energy Vehicle sales channel, distributors, customers, research findings and conclusion.

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