+357 96 030922
info@marketpublishers.com

Global Aluminum Thermal Battery Material for New Energy Vehicles Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

https://marketpublishers.com/r/GF523FC89BE5EN.html
Date: November 2025
Pages: 144
Price: US$ 3,480.00 (Single User License)
ID: GF523FC89BE5EN

Abstracts

According to our (Global Info Research) latest study, the global Aluminum Thermal Battery Material for New Energy Vehicles market size was valued at US$ 3387 million in 2024 and is forecast to a readjusted size of USD 12730 million by 2031 with a CAGR of 21.1% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Aluminum thermal battery materials for new energy vehicles are innovative materials specially designed for electric vehicle (EV) power battery systems, aiming to improve the energy density, thermal management performance and safety of batteries. This type of material mainly involves aluminum-based alloys, aluminum electrode materials, and battery shell aluminum coils, aiming to solve the problem of heat accumulation during battery charging and discharging. Aluminum, as a lightweight, highly conductive, and easy-to-process metal, has high thermal conductivity and can effectively disperse heat, avoid battery overheating, and extend the battery life.

This report is a detailed and comprehensive analysis for global Aluminum Thermal Battery Material for New Energy Vehicles market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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

+357 96 030922
info@marketpublishers.com

year 2025, are provided.

Key Features:

Global Aluminum Thermal Battery Material for New Energy Vehicles market size and forecasts, in consumption value ($ Million), sales quantity (Kilotons), and average selling prices (US$/Ton), 2020-2031

Global Aluminum Thermal Battery Material for New Energy Vehicles market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Kilotons), and average selling prices (US$/Ton), 2020-2031

Global Aluminum Thermal Battery Material for New Energy Vehicles market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Kilotons), and average selling prices (US$/Ton), 2020-2031

Global Aluminum Thermal Battery Material for New Energy Vehicles market shares of main players, shipments in revenue ($ Million), sales quantity (Kilotons), and ASP (US$/Ton), 2020-2025

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 Aluminum Thermal Battery Material for New Energy Vehicles
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 Aluminum Thermal Battery Material for New Energy Vehicles market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Dingsheng New Material, UACJ, LOTTE Aluminum, Yong Jie New Material, Xiashun Holdings, Dongwon Systems, Yunnan Aluminium, Sama Aluminium, Toyo, DONG-IL Aluminium, etc.
This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

+357 96 030922
info@marketpublishers.com

Aluminum Thermal Battery Material for New Energy Vehicles market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, 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 Type

Aluminum Strip

Aluminum Foil

Other

Market segment by Application

BEV

PHEV

Major players covered

Dingsheng New Material

UACJ

LOTTE Aluminum

Yong Jie New Material

Xiashun Holdings

Dongwon Systems

Yunnan Aluminium

+357 96 030922
info@marketpublishers.com

Sama Aluminium

Toyo

DONG-IL Aluminium

Hec Technology

Huafon Aluminium

Tianshan Aluminum Group

Alcha Aluminium Group

Mingtai Al. Industrial

Wanshun New Material Group

Nanshan Aluminium

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 Aluminum Thermal Battery Material for New Energy Vehicles product scope, market overview, market estimation caveats and base year.
Chapter 2, to profile the top manufacturers of Aluminum Thermal Battery Material for New Energy Vehicles, with price, sales quantity, revenue, and global market share of Aluminum Thermal Battery Material for New Energy Vehicles from 2020 to 2025.
Chapter 3, the Aluminum Thermal Battery Material for New Energy Vehicles competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

+357 96 030922
info@marketpublishers.com

Chapter 4, the Aluminum Thermal Battery Material for New Energy Vehicles breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.
Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.
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 2020 to 2025.and Aluminum Thermal Battery Material for New Energy Vehicles market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.
Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.
Chapter 13, the key raw materials and key suppliers, and industry chain of Aluminum Thermal Battery Material for New Energy Vehicles.
Chapter 14 and 15, to describe Aluminum Thermal Battery Material for New Energy Vehicles sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

3 COMPETITIVE ENVIRONMENT: ALUMINUM THERMAL BATTERY MATERIAL FOR NEW ENERGY VEHICLES BY MANUFACTURER

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

Figure 84. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Aluminum Thermal Battery Material for New Energy Vehicles Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: https://marketpublishers.com/r/GF523FC89BE5EN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF523FC89BE5EN.html