

# Global Battery Grade Vanadium Pentoxide Supply, Demand and Key Producers, 2024-2030

<https://marketpublishers.com/r/GB04C22144FDEN.html>

Date: March 2024

Pages: 105

Price: US\$ 4,480.00 (Single User License)

ID: GB04C22144FDEN

## Abstracts

The global Battery Grade Vanadium Pentoxide market size is expected to reach \$ 178.7 million by 2030, rising at a market growth of 7.8% CAGR during the forecast period (2024-2030).

China's policy on lithium-ion batteries mainly focuses on lithium-ion batteries. In 2015, in order to strengthen the management of lithium-ion battery industry and improve the development level of the industry, China formulated the Standard of Lithium-ion Battery Industry. the global sales of new energy vehicles reached 10.8 million units in 2022, with a year-on-year increase of 61.6%. In 2022, China new energy vehicle sales reached 6.8 million units, and the global share increased to 63.6%. In Q4 2022, sales penetration rate of China's new energy vehicle reached 27%, while the global average penetration rate was only 15%. Europe penetration was 19%, and North America penetration rate was only 6%. Lithium batteries will fully benefit from the high growth of downstream demand. According to the Ministry of Industry and Information Technology, China's lithium-ion battery production reached 750 GWh in 2022, up more than 130 percent year on year. Among them, the output of lithium energy storage battery exceeded 100 GWh, and the total output value of the industry exceeded 1.2 trillion yuan. The industrial application of lithium battery was also growing rapidly. In 2022, the loading capacity of new energy vehicle power battery was about 295 GWh, and the new energy vehicle power battery was about 295 GWh. According to our research, in 2022, the overall global lithium-ion battery shipments were 957GWh, a year-on-year increase of 70%. Global vehicle power battery (EV LIB) shipments were 684GWh, a year-on-year increase of 84%; Energy storage battery (ESS LIB) shipments were 159.3GWh, a year-on-year increase of 140%.

Vanadium pentoxide is gradually being used in the manufacture of lithium battery

cathode materials and vanadium batteries.

This report studies the global Battery Grade Vanadium Pentoxide production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Battery Grade Vanadium Pentoxide, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Battery Grade Vanadium Pentoxide that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Battery Grade Vanadium Pentoxide total production and demand, 2019-2030, (Tons)

Global Battery Grade Vanadium Pentoxide total production value, 2019-2030, (USD Million)

Global Battery Grade Vanadium Pentoxide production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Battery Grade Vanadium Pentoxide consumption by region & country, CAGR, 2019-2030 & (Tons)

U.S. VS China: Battery Grade Vanadium Pentoxide domestic production, consumption, key domestic manufacturers and share

Global Battery Grade Vanadium Pentoxide production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (Tons)

Global Battery Grade Vanadium Pentoxide production by Type, production, value, CAGR, 2019-2030, (USD Million) & (Tons)

Global Battery Grade Vanadium Pentoxide production by Application production, value, CAGR, 2019-2030, (USD Million) & (Tons).

This reports profiles key players in the global Battery Grade Vanadium Pentoxide 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 U.S. Vanadium LLC, GfE, HBIS Group, Suzhou Donghua Fangui Co.Ltd., Liaoyang Hengye Chemical Co., Ltd., Hunan Huifeng High Energy Co., Ltd, Hunan Sanfeng Vanadium Industry Co., Ltd and BaiChuan Vanadium Industry, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Battery Grade Vanadium Pentoxide market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Battery Grade Vanadium Pentoxide Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Battery Grade Vanadium Pentoxide Market, Segmentation by Type

2N

3N

Others

## Global Battery Grade Vanadium Pentoxide Market, Segmentation by Application

Vanadium Flow Energy Storage Battery

Lithium Battery

Others

## Companies Profiled:

U.S. Vanadium LLC

GfE

HBIS Group

Suzhou Donghua Fangui Co.Ltd.

Liaoyang Hengye Chemical Co., Ltd.

Hunan Huifeng High Energy Co., Ltd

Hunan Sanfeng Vanadium Industry Co., Ltd

BaiChuan Vanadium Industry

## Key Questions Answered

1. How big is the global Battery Grade Vanadium Pentoxide market?
2. What is the demand of the global Battery Grade Vanadium Pentoxide market?
3. What is the year over year growth of the global Battery Grade Vanadium Pentoxide market?
4. What is the production and production value of the global Battery Grade Vanadium Pentoxide market?
5. Who are the key producers in the global Battery Grade Vanadium Pentoxide market?

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