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Global Explosion-proof Valve of Lithium Battery Market Growth 2025-2031

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Abstracts

The global Explosion-proof Valve of Lithium Battery market size is predicted to grow from US$ 108 million in 2025 to US$ 249 million in 2031; it is expected to grow at a CAGR of 15.0% from 2025 to 2031.

An Explosion-Proof Valve for Lithium Batteries is a critical safety mechanism integrated into lithium-ion or lithium-polymer batteries to prevent catastrophic failures, such as explosions or fires, caused by excessive internal pressure or gas buildup. This valve is designed to activate under abnormal conditions, such as overcharging, overheating, short circuits, or thermal runaway, by releasing pressure or gases in a controlled manner.

United States market for Explosion-proof Valve of Lithium Battery is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Explosion-proof Valve of Lithium Battery is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Explosion-proof Valve of Lithium Battery is estimated to increase from US$ million in 2024 to US$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Explosion-proof Valve of Lithium Battery players cover DONGGUAN PUW MATERIAL, VOIR, Mann & Hummel, GVS, Milvent Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

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LP Information, Inc. (LPI) ' newest research report, the “Explosion-proof Valve of Lithium Battery Industry Forecast” looks at past sales and reviews total world Explosion-proof Valve of Lithium Battery sales in 2024, providing a comprehensive analysis by region and market sector of projected Explosion-proof Valve of Lithium Battery sales for 2025 through 2031. With Explosion-proof Valve of Lithium Battery sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Explosion-proof Valve of Lithium Battery industry.

This Insight Report provides a comprehensive analysis of the global Explosion-proof Valve of Lithium Battery landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Explosion-proof Valve of Lithium Battery portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Explosion-proof Valve of Lithium Battery market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Explosion-proof Valve of Lithium Battery and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Explosion-proof Valve of Lithium Battery.

This report presents a comprehensive overview, market shares, and growth opportunities of Explosion-proof Valve of Lithium Battery market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Metal

Nonmetal

Segmentation by Application:

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New Energy Vehicles

Energy Storage

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

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Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

DONGGUAN PUW MATERIAL

VOIR

Mann & Hummel

GVS

Milvent Technology

HEILNGJIANG JINHAN TECHNOLOGY

Guangdong Shangda Energy Technology

Freudenberg

Donaldson

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Spider (Xiamen) Technology

Eaton

tmax

Raval

Sinri

REUTTER

Key Questions Addressed in this Report

What is the 10-year outlook for the global Explosion-proof Valve of Lithium Battery market?
What factors are driving Explosion-proof Valve of Lithium Battery market growth, globally and by region?
Which technologies are poised for the fastest growth by market and region?
How do Explosion-proof Valve of Lithium Battery market opportunities vary by end market size?
How does Explosion-proof Valve of Lithium Battery break out by Type, by Application?

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