

Global Smokeless Explosion-Proof Valve for Power Battery Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G099D5D348E6EN.html>

Date: June 2026

Pages: 116

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

ID: G099D5D348E6EN

Abstracts

The global Smokeless Explosion-Proof Valve for Power Battery market size is expected to reach \$ 182 million by 2032, rising at a market growth of 15.1% CAGR during the forecast period (2026-2032).

Smokeless Explosion-Proof Valve for Power Battery is a specialized safety component designed for electric vehicle and energy storage systems, engineered to rapidly release internal pressure under abnormal conditions such as thermal runaway or gas accumulation while preventing smoke emission and ensuring controlled airflow to maintain battery stability and system integrity. Constructed with high-strength, corrosion-resistant materials and precise activation thresholds, it delivers reliable pressure relief without compromising environmental safety. Its key advantages include fast response, high reliability under extreme conditions, robust structural durability, smoke-free operation, and compatibility with advanced battery safety systems. In 2025, the capacity utilization rate was approximately 70%, and the industry's average gross margin was around 35%. Production in 2025 totaled 11.91 million units, with an average price of 5.5 USD/unit. The upstream primarily consists of PTFE and aluminum alloys, with representative suppliers including Chemours, 3M, Chalco, and China Molybdenum, providing essential materials that determine chemical resistance, mechanical strength, and durability. The midstream focuses on precision valve engineering, structural design, sealing technology, smoke-free operation, and integration with battery and safety systems to ensure accurate and reliable pressure relief. The downstream is mainly driven by electric vehicle applications, with key customers including Tesla, BYD, NIO, and Volkswagen.

This report studies the global Smokeless Explosion-Proof Valve for Power Battery

production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Smokeless Explosion-Proof Valve for Power Battery and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Smokeless Explosion-Proof Valve for Power Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Smokeless Explosion-Proof Valve for Power Battery total production and demand, 2021-2032, (K Units)

Global Smokeless Explosion-Proof Valve for Power Battery total production value, 2021-2032, (USD Million)

Global Smokeless Explosion-Proof Valve for Power Battery production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Smokeless Explosion-Proof Valve for Power Battery consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Smokeless Explosion-Proof Valve for Power Battery domestic production, consumption, key domestic manufacturers and share

Global Smokeless Explosion-Proof Valve for Power Battery production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Smokeless Explosion-Proof Valve for Power Battery production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Smokeless Explosion-Proof Valve for Power Battery production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Smokeless Explosion-Proof Valve for Power Battery 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 PUW, VOIR, Pan Asian Microvent Tech, GVS, Milvent Technology, JIN HAN, Guangdong Shangda Energy Technology, Freudenberg, Donaldson, Spider (Xiamen) Technology, 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 Smokeless Explosion-Proof Valve for Power Battery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Smokeless Explosion-Proof Valve for Power Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Smokeless Explosion-Proof Valve for Power Battery Market, Segmentation by Type:

Aluminium Valve

Plastic Valve

Others

Global Smokeless Explosion-Proof Valve for Power Battery Market, Segmentation by Pressure Relief:

Single-stage Vent Valve

Dual-stage Vent Valve

Others

Global Smokeless Explosion-Proof Valve for Power Battery Market, Segmentation by Grade:

Pack Level

Module Level

Global Smokeless Explosion-Proof Valve for Power Battery Market, Segmentation by Application:

Passenger Cars

Commercial Vehicle

Companies Profiled:

PUW

VOIR

Pan Asian Microvent Tech

GVS

Milvent Technology

JIN HAN

Guangdong Shangda Energy Technology

Freudenberg

Donaldson

Spider (Xiamen) Technology

GORE

Sinri

Key Questions Answered:

1. How big is the global Smokeless Explosion-Proof Valve for Power Battery market?
2. What is the demand of the global Smokeless Explosion-Proof Valve for Power Battery market?
3. What is the year over year growth of the global Smokeless Explosion-Proof Valve for Power Battery market?
4. What is the production and production value of the global Smokeless Explosion-Proof Valve for Power Battery market?
5. Who are the key producers in the global Smokeless Explosion-Proof Valve for Power Battery market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Smokeless Explosion-Proof Valve for Power Battery Introduction
- 1.2 World Smokeless Explosion-Proof Valve for Power Battery Supply & Forecast
 - 1.2.1 World Smokeless Explosion-Proof Valve for Power Battery Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
 - 1.2.3 World Smokeless Explosion-Proof Valve for Power Battery Pricing Trends (2021-2032)
- 1.3 World Smokeless Explosion-Proof Valve for Power Battery Production by Region (Based on Production Site)
 - 1.3.1 World Smokeless Explosion-Proof Valve for Power Battery Production Value by Region (2021-2032)
 - 1.3.2 World Smokeless Explosion-Proof Valve for Power Battery Production by Region (2021-2032)
 - 1.3.3 World Smokeless Explosion-Proof Valve for Power Battery Average Price by Region (2021-2032)
 - 1.3.4 North America Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
 - 1.3.5 Europe Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
 - 1.3.6 China Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
 - 1.3.7 Japan Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
 - 1.3.8 South Korea Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
 - 1.3.9 India Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
 - 1.3.10 Mexico Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Smokeless Explosion-Proof Valve for Power Battery Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Smokeless Explosion-Proof Valve for Power Battery Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Smokeless Explosion-Proof Valve for Power Battery Demand (2021-2032)
- 2.2 World Smokeless Explosion-Proof Valve for Power Battery Consumption by Region
 - 2.2.1 World Smokeless Explosion-Proof Valve for Power Battery Consumption by Region (2021-2026)
 - 2.2.2 World Smokeless Explosion-Proof Valve for Power Battery Consumption Forecast by Region (2027-2032)
- 2.3 United States Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032)
- 2.4 China Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032)
- 2.5 Europe Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032)
- 2.6 Japan Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032)
- 2.7 South Korea Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032)
- 2.8 ASEAN Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032)
- 2.9 India Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Smokeless Explosion-Proof Valve for Power Battery Production Value by Manufacturer (2021-2026)
- 3.2 World Smokeless Explosion-Proof Valve for Power Battery Production by Manufacturer (2021-2026)
- 3.3 World Smokeless Explosion-Proof Valve for Power Battery Average Price by Manufacturer (2021-2026)
- 3.4 Smokeless Explosion-Proof Valve for Power Battery Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Smokeless Explosion-Proof Valve for Power Battery Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Smokeless Explosion-Proof Valve for Power Battery in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Smokeless Explosion-Proof Valve for Power Battery in 2025
- 3.6 Smokeless Explosion-Proof Valve for Power Battery Market: Overall Company

Footprint Analysis

3.6.1 Smokeless Explosion-Proof Valve for Power Battery Market: Region Footprint

3.6.2 Smokeless Explosion-Proof Valve for Power Battery Market: Company Product Type Footprint

3.6.3 Smokeless Explosion-Proof Valve for Power Battery Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Value Comparison

4.1.1 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Comparison

4.2.1 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Consumption Comparison

4.3.1 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Smokeless Explosion-Proof Valve for Power Battery Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value (2021-2026)

4.4.3 United States Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production (2021-2026)

4.5 China Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers and Market Share

4.5.1 China Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value (2021-2026)

4.5.3 China Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production (2021-2026)

4.6 Rest of World Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Smokeless Explosion-Proof Valve for Power Battery Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Aluminium Valve

5.2.2 Plastic Valve

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Smokeless Explosion-Proof Valve for Power Battery Production by Type (2021-2032)

5.3.2 World Smokeless Explosion-Proof Valve for Power Battery Production Value by Type (2021-2032)

5.3.3 World Smokeless Explosion-Proof Valve for Power Battery Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY PRESSURE RELIEF

6.1 World Smokeless Explosion-Proof Valve for Power Battery Market Size Overview by Pressure Relief: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Pressure Relief

6.2.1 Single-stage Vent Valve

6.2.2 Dual-stage Vent Valve

6.2.3 Others

6.3 Market Segment by Pressure Relief

6.3.1 World Smokeless Explosion-Proof Valve for Power Battery Production by Pressure Relief (2021-2032)

6.3.2 World Smokeless Explosion-Proof Valve for Power Battery Production Value by Pressure Relief (2021-2032)

6.3.3 World Smokeless Explosion-Proof Valve for Power Battery Average Price by Pressure Relief (2021-2032)

7 MARKET ANALYSIS BY GRADE

7.1 World Smokeless Explosion-Proof Valve for Power Battery Market Size Overview by Grade: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Grade

7.2.1 Pack Level

7.2.2 Module Level

7.3 Market Segment by Grade

7.3.1 World Smokeless Explosion-Proof Valve for Power Battery Production by Grade (2021-2032)

7.3.2 World Smokeless Explosion-Proof Valve for Power Battery Production Value by Grade (2021-2032)

7.3.3 World Smokeless Explosion-Proof Valve for Power Battery Average Price by Grade (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Smokeless Explosion-Proof Valve for Power Battery Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Passenger Cars

8.2.2 Commercial Vehicle

8.3 Market Segment by Application

8.3.1 World Smokeless Explosion-Proof Valve for Power Battery Production by Application (2021-2032)

8.3.2 World Smokeless Explosion-Proof Valve for Power Battery Production Value by Application (2021-2032)

8.3.3 World Smokeless Explosion-Proof Valve for Power Battery Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 PUW

9.1.1 PUW Details

9.1.2 PUW Major Business

9.1.3 PUW Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.1.4 PUW Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 PUW Recent Developments/Updates

9.1.6 PUW Competitive Strengths & Weaknesses

9.2 VOIR

9.2.1 VOIR Details

9.2.2 VOIR Major Business

9.2.3 VOIR Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.2.4 VOIR Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 VOIR Recent Developments/Updates

9.2.6 VOIR Competitive Strengths & Weaknesses

9.3 Pan Asian Microvent Tech

9.3.1 Pan Asian Microvent Tech Details

9.3.2 Pan Asian Microvent Tech Major Business

9.3.3 Pan Asian Microvent Tech Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.3.4 Pan Asian Microvent Tech Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Pan Asian Microvent Tech Recent Developments/Updates

9.3.6 Pan Asian Microvent Tech Competitive Strengths & Weaknesses

9.4 GVS

9.4.1 GVS Details

9.4.2 GVS Major Business

9.4.3 GVS Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.4.4 GVS Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 GVS Recent Developments/Updates

9.4.6 GVS Competitive Strengths & Weaknesses

9.5 Milvent Technology

9.5.1 Milvent Technology Details

9.5.2 Milvent Technology Major Business

9.5.3 Milvent Technology Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.5.4 Milvent Technology Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Milvent Technology Recent Developments/Updates

9.5.6 Milvent Technology Competitive Strengths & Weaknesses

9.6 JIN HAN

9.6.1 JIN HAN Details

9.6.2 JIN HAN Major Business

9.6.3 JIN HAN Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.6.4 JIN HAN Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 JIN HAN Recent Developments/Updates

9.6.6 JIN HAN Competitive Strengths & Weaknesses

9.7 Guangdong Shangda Energy Technology

9.7.1 Guangdong Shangda Energy Technology Details

9.7.2 Guangdong Shangda Energy Technology Major Business

9.7.3 Guangdong Shangda Energy Technology Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.7.4 Guangdong Shangda Energy Technology Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 Guangdong Shangda Energy Technology Recent Developments/Updates

9.7.6 Guangdong Shangda Energy Technology Competitive Strengths & Weaknesses

9.8 Freudenberg

9.8.1 Freudenberg Details

9.8.2 Freudenberg Major Business

9.8.3 Freudenberg Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.8.4 Freudenberg Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Freudenberg Recent Developments/Updates

9.8.6 Freudenberg Competitive Strengths & Weaknesses

9.9 Donaldson

9.9.1 Donaldson Details

9.9.2 Donaldson Major Business

9.9.3 Donaldson Smokeless Explosion-Proof Valve for Power Battery Product and

Services

9.9.4 Donaldson Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Donaldson Recent Developments/Updates

9.9.6 Donaldson Competitive Strengths & Weaknesses

9.10 Spider (Xiamen) Technology

9.10.1 Spider (Xiamen) Technology Details

9.10.2 Spider (Xiamen) Technology Major Business

9.10.3 Spider (Xiamen) Technology Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.10.4 Spider (Xiamen) Technology Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Spider (Xiamen) Technology Recent Developments/Updates

9.10.6 Spider (Xiamen) Technology Competitive Strengths & Weaknesses

9.11 GORE

9.11.1 GORE Details

9.11.2 GORE Major Business

9.11.3 GORE Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.11.4 GORE Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 GORE Recent Developments/Updates

9.11.6 GORE Competitive Strengths & Weaknesses

9.12 Sinri

9.12.1 Sinri Details

9.12.2 Sinri Major Business

9.12.3 Sinri Smokeless Explosion-Proof Valve for Power Battery Product and Services

9.12.4 Sinri Smokeless Explosion-Proof Valve for Power Battery Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Sinri Recent Developments/Updates

9.12.6 Sinri Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Smokeless Explosion-Proof Valve for Power Battery Industry Chain

10.2 Smokeless Explosion-Proof Valve for Power Battery Upstream Analysis

10.2.1 Smokeless Explosion-Proof Valve for Power Battery Core Raw Materials

10.2.2 Main Manufacturers of Smokeless Explosion-Proof Valve for Power Battery Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Smokeless Explosion-Proof Valve for Power Battery Production Mode

10.6 Smokeless Explosion-Proof Valve for Power Battery Procurement Model

10.7 Smokeless Explosion-Proof Valve for Power Battery Industry Sales Model and Sales Channels

10.7.1 Smokeless Explosion-Proof Valve for Power Battery Sales Model

10.7.2 Smokeless Explosion-Proof Valve for Power Battery Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Region (2021-2026) & (USD Million)

Table 3. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Region (2027-2032) & (USD Million)

Table 4. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Region (2021-2026)

Table 5. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Region (2027-2032)

Table 6. World Smokeless Explosion-Proof Valve for Power Battery Production by Region (2021-2026) & (K Units)

Table 7. World Smokeless Explosion-Proof Valve for Power Battery Production by Region (2027-2032) & (K Units)

Table 8. World Smokeless Explosion-Proof Valve for Power Battery Production Market Share by Region (2021-2026)

Table 9. World Smokeless Explosion-Proof Valve for Power Battery Production Market Share by Region (2027-2032)

Table 10. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Smokeless Explosion-Proof Valve for Power Battery Major Market Trends

Table 13. World Smokeless Explosion-Proof Valve for Power Battery Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Smokeless Explosion-Proof Valve for Power Battery Consumption by Region (2021-2026) & (K Units)

Table 15. World Smokeless Explosion-Proof Valve for Power Battery Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Smokeless Explosion-Proof Valve for Power Battery Producers in 2025

Table 18. World Smokeless Explosion-Proof Valve for Power Battery Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Smokeless Explosion-Proof Valve for Power Battery Producers in 2025

Table 20. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Smokeless Explosion-Proof Valve for Power Battery Company Evaluation Quadrant

Table 22. World Smokeless Explosion-Proof Valve for Power Battery Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Smokeless Explosion-Proof Valve for Power Battery Production Site of Key Manufacturer

Table 24. Smokeless Explosion-Proof Valve for Power Battery Market: Company Product Type Footprint

Table 25. Smokeless Explosion-Proof Valve for Power Battery Market: Company Product Application Footprint

Table 26. Smokeless Explosion-Proof Valve for Power Battery Competitive Factors

Table 27. Smokeless Explosion-Proof Valve for Power Battery New Entrant and Capacity Expansion Plans

Table 28. Smokeless Explosion-Proof Valve for Power Battery Mergers & Acquisitions Activity

Table 29. United States VS China Smokeless Explosion-Proof Valve for Power Battery Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Smokeless Explosion-Proof Valve for Power Battery Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Smokeless Explosion-Proof Valve for Power Battery Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Market Share (2021-2026)

Table 37. China Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Market Share (2021-2026)

Table 42. Rest of World Based Smokeless Explosion-Proof Valve for Power Battery Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Market Share (2021-2026)

Table 47. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Smokeless Explosion-Proof Valve for Power Battery Production by Type (2021-2026) & (K Units)

Table 49. World Smokeless Explosion-Proof Valve for Power Battery Production by Type (2027-2032) & (K Units)

Table 50. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Type (2021-2026) & (USD Million)

Table 51. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Type (2027-2032) & (USD Million)

Table 52. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Pressure Relief, (USD Million), 2021 & 2025 & 2032

Table 55. World Smokeless Explosion-Proof Valve for Power Battery Production by Pressure Relief (2021-2026) & (K Units)

Table 56. World Smokeless Explosion-Proof Valve for Power Battery Production by Pressure Relief (2027-2032) & (K Units)

Table 57. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Pressure Relief (2021-2026) & (USD Million)

Table 58. World Smokeless Explosion-Proof Valve for Power Battery Production Value

by Pressure Relief (2027-2032) & (USD Million)

Table 59. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Pressure Relief (2021-2026) & (US\$/Unit)

Table 60. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Pressure Relief (2027-2032) & (US\$/Unit)

Table 61. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Table 62. World Smokeless Explosion-Proof Valve for Power Battery Production by Grade (2021-2026) & (K Units)

Table 63. World Smokeless Explosion-Proof Valve for Power Battery Production by Grade (2027-2032) & (K Units)

Table 64. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Grade (2021-2026) & (USD Million)

Table 65. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Grade (2027-2032) & (USD Million)

Table 66. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Grade (2021-2026) & (US\$/Unit)

Table 67. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Grade (2027-2032) & (US\$/Unit)

Table 68. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Smokeless Explosion-Proof Valve for Power Battery Production by Application (2021-2026) & (K Units)

Table 70. World Smokeless Explosion-Proof Valve for Power Battery Production by Application (2027-2032) & (K Units)

Table 71. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Application (2021-2026) & (USD Million)

Table 72. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Application (2027-2032) & (USD Million)

Table 73. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. PUW Basic Information, Manufacturing Base and Competitors

Table 76. PUW Major Business

Table 77. PUW Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 78. PUW Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market

Share (2021-2026)

Table 79. PUW Recent Developments/Updates

Table 80. PUW Competitive Strengths & Weaknesses

Table 81. VOIR Basic Information, Manufacturing Base and Competitors

Table 82. VOIR Major Business

Table 83. VOIR Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 84. VOIR Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. VOIR Recent Developments/Updates

Table 86. VOIR Competitive Strengths & Weaknesses

Table 87. Pan Asian Microvent Tech Basic Information, Manufacturing Base and Competitors

Table 88. Pan Asian Microvent Tech Major Business

Table 89. Pan Asian Microvent Tech Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 90. Pan Asian Microvent Tech Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Pan Asian Microvent Tech Recent Developments/Updates

Table 92. Pan Asian Microvent Tech Competitive Strengths & Weaknesses

Table 93. GVS Basic Information, Manufacturing Base and Competitors

Table 94. GVS Major Business

Table 95. GVS Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 96. GVS Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. GVS Recent Developments/Updates

Table 98. GVS Competitive Strengths & Weaknesses

Table 99. Milvent Technology Basic Information, Manufacturing Base and Competitors

Table 100. Milvent Technology Major Business

Table 101. Milvent Technology Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 102. Milvent Technology Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Milvent Technology Recent Developments/Updates

Table 104. Milvent Technology Competitive Strengths & Weaknesses

Table 105. JIN HAN Basic Information, Manufacturing Base and Competitors

Table 106. JIN HAN Major Business

Table 107. JIN HAN Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 108. JIN HAN Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. JIN HAN Recent Developments/Updates

Table 110. JIN HAN Competitive Strengths & Weaknesses

Table 111. Guangdong Shangda Energy Technology Basic Information, Manufacturing Base and Competitors

Table 112. Guangdong Shangda Energy Technology Major Business

Table 113. Guangdong Shangda Energy Technology Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 114. Guangdong Shangda Energy Technology Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Guangdong Shangda Energy Technology Recent Developments/Updates

Table 116. Guangdong Shangda Energy Technology Competitive Strengths & Weaknesses

Table 117. Freudenberg Basic Information, Manufacturing Base and Competitors

Table 118. Freudenberg Major Business

Table 119. Freudenberg Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 120. Freudenberg Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Freudenberg Recent Developments/Updates

Table 122. Freudenberg Competitive Strengths & Weaknesses

Table 123. Donaldson Basic Information, Manufacturing Base and Competitors

Table 124. Donaldson Major Business

Table 125. Donaldson Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 126. Donaldson Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Donaldson Recent Developments/Updates

Table 128. Donaldson Competitive Strengths & Weaknesses

Table 129. Spider (Xiamen) Technology Basic Information, Manufacturing Base and Competitors

Table 130. Spider (Xiamen) Technology Major Business

Table 131. Spider (Xiamen) Technology Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 132. Spider (Xiamen) Technology Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Spider (Xiamen) Technology Recent Developments/Updates

Table 134. Spider (Xiamen) Technology Competitive Strengths & Weaknesses

Table 135. GORE Basic Information, Manufacturing Base and Competitors

Table 136. GORE Major Business

Table 137. GORE Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 138. GORE Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. GORE Recent Developments/Updates

Table 140. GORE Competitive Strengths & Weaknesses

Table 141. Sinri Basic Information, Manufacturing Base and Competitors

Table 142. Sinri Major Business

Table 143. Sinri Smokeless Explosion-Proof Valve for Power Battery Product and Services

Table 144. Sinri Smokeless Explosion-Proof Valve for Power Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Sinri Recent Developments/Updates

Table 146. Sinri Competitive Strengths & Weaknesses

Table 147. Global Key Players of Smokeless Explosion-Proof Valve for Power Battery Upstream (Raw Materials)

Table 148. Global Smokeless Explosion-Proof Valve for Power Battery Typical Customers

Table 149. Smokeless Explosion-Proof Valve for Power Battery Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Smokeless Explosion-Proof Valve for Power Battery Picture

Figure 2. World Smokeless Explosion-Proof Valve for Power Battery Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Smokeless Explosion-Proof Valve for Power Battery Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 5. World Smokeless Explosion-Proof Valve for Power Battery Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Region (2021-2032)

Figure 7. World Smokeless Explosion-Proof Valve for Power Battery Production Market Share by Region (2021-2032)

Figure 8. North America Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 9. Europe Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 10. China Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 11. Japan Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 12. South Korea Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 13. India Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 14. Mexico Smokeless Explosion-Proof Valve for Power Battery Production (2021-2032) & (K Units)

Figure 15. Smokeless Explosion-Proof Valve for Power Battery Market Drivers

Figure 16. Factors Affecting Demand

Figure 17. World Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 18. World Smokeless Explosion-Proof Valve for Power Battery Consumption Market Share by Region (2021-2032)

Figure 19. United States Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 20. China Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 21. Europe Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 22. Japan Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 23. South Korea Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 24. ASEAN Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 25. India Smokeless Explosion-Proof Valve for Power Battery Consumption (2021-2032) & (K Units)

Figure 26. Producer Shipments of Smokeless Explosion-Proof Valve for Power Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 27. Global Four-firm Concentration Ratios (CR4) for Smokeless Explosion-Proof Valve for Power Battery Markets in 2025

Figure 28. Global Four-firm Concentration Ratios (CR8) for Smokeless Explosion-Proof Valve for Power Battery Markets in 2025

Figure 29. United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Smokeless Explosion-Proof Valve for Power Battery Production Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States VS China: Smokeless Explosion-Proof Valve for Power Battery Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 32. United States Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Market Share 2025

Figure 33. China Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Market Share 2025

Figure 34. Rest of World Based Manufacturers Smokeless Explosion-Proof Valve for Power Battery Production Market Share 2025

Figure 35. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 36. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Type in 2025

Figure 37. Aluminium Valve

Figure 38. Plastic Valve

Figure 39. Others

Figure 40. World Smokeless Explosion-Proof Valve for Power Battery Production Market Share by Type (2021-2032)

Figure 41. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Type (2021-2032)

Figure 42. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Type (2021-2032) & (US\$/Unit)

Figure 43. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Pressure Relief, (USD Million), 2021 & 2025 & 2032

Figure 44. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Pressure Relief in 2025

Figure 45. Single-stage Vent Valve

Figure 46. Dual-stage Vent Valve

Figure 47. Others

Figure 48. World Smokeless Explosion-Proof Valve for Power Battery Production Market Share by Pressure Relief (2021-2032)

Figure 49. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Pressure Relief (2021-2032)

Figure 50. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Pressure Relief (2021-2032) & (US\$/Unit)

Figure 51. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Grade, (USD Million), 2021 & 2025 & 2032

Figure 52. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Grade in 2025

Figure 53. Pack Level

Figure 54. Module Level

Figure 55. World Smokeless Explosion-Proof Valve for Power Battery Production Market Share by Grade (2021-2032)

Figure 56. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Grade (2021-2032)

Figure 57. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Grade (2021-2032) & (US\$/Unit)

Figure 58. World Smokeless Explosion-Proof Valve for Power Battery Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 59. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Application in 2025

Figure 60. Passenger Cars

Figure 61. Commercial Vehicle

Figure 62. World Smokeless Explosion-Proof Valve for Power Battery Production Market Share by Application (2021-2032)

Figure 63. World Smokeless Explosion-Proof Valve for Power Battery Production Value Market Share by Application (2021-2032)

Figure 64. World Smokeless Explosion-Proof Valve for Power Battery Average Price by Application (2021-2032) & (US\$/Unit)

Figure 65. Smokeless Explosion-Proof Valve for Power Battery Industry Chain

Figure 66. Smokeless Explosion-Proof Valve for Power Battery Procurement Model

Figure 67. Smokeless Explosion-Proof Valve for Power Battery Sales Model

Figure 68. Smokeless Explosion-Proof Valve for Power Battery Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

I would like to order

Product name: Global Smokeless Explosion-Proof Valve for Power Battery Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G099D5D348E6EN.html>

Price: US\$ 4,480.00 (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/G099D5D348E6EN.html>