

Global Millisecond Battery Explosion-Proof Valve Market Growth 2026-2032

<https://marketpublishers.com/r/G3B2BF902C9FEN.html>

Date: July 2026

Pages: 106

Price: US\$ 3,660.00 (Single User License)

ID: G3B2BF902C9FEN

Abstracts

The global Millisecond Battery Explosion-Proof Valve market size is predicted to grow from US\$ 80.04 million in 2025 to US\$ 225 million in 2032; it is expected to grow at a CAGR of 16.0% from 2026 to 2032.

Millisecond Battery Explosion-Proof Valve is a high-speed safety component specifically engineered for battery pack systems in electric vehicles and energy storage, designed to release internal pressure within milliseconds during abnormal conditions such as thermal runaway or gas accumulation. It is constructed with precise activation thresholds and high-strength PTFE and aluminum alloy materials to ensure controlled pressure relief while maintaining structural integrity and system sealing. Key advantages include ultra-fast response, high reliability under extreme conditions, smoke-free operation, robust structural durability, and compatibility with advanced battery safety architectures. In 2025, the capacity utilization rate was approximately 70%, and the industry's average gross margin was around 35%. Production in 2025 totaled 14.61 million units, with an average price of 5.6 USD/unit. Its upstream primarily consists of PTFE and aluminum alloys, with representative suppliers including Chemours, 3M, Chalco, and China Molybdenum, providing critical materials that determine chemical resistance, mechanical strength, and durability. The midstream focuses on precision valve engineering, structural design, sealing technology, and integration with battery pack safety systems to ensure accurate and reliable pressure relief. The downstream is mainly driven by automotive and energy storage battery applications, with key customers including Tesla, BYD, and CATL.

United States market for Millisecond Battery Explosion-Proof Valve is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Millisecond Battery Explosion-Proof Valve is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Millisecond Battery Explosion-Proof Valve is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Millisecond Battery Explosion-Proof Valve players cover PUW, VOIR, Pan Asian Microvent Tech, GVS, Milvent Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Millisecond Battery Explosion-Proof Valve Industry Forecast" looks at past sales and reviews total world Millisecond Battery Explosion-Proof Valve sales in 2025, providing a comprehensive analysis by region and market sector of projected Millisecond Battery Explosion-Proof Valve sales for 2026 through 2032. With Millisecond Battery Explosion-Proof Valve sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Millisecond Battery Explosion-Proof Valve industry.

This Insight Report provides a comprehensive analysis of the global Millisecond Battery Explosion-Proof Valve 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 Millisecond Battery Explosion-Proof Valve portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Millisecond Battery Explosion-Proof Valve market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Millisecond Battery Explosion-Proof Valve 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 Millisecond Battery Explosion-Proof Valve.

This report presents a comprehensive overview, market shares, and growth

opportunities of Millisecond Battery Explosion-Proof Valve market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Aluminium Valve

Plastic Valve

Others

Segmentation by Pressure Relief:

Single-stage Vent Valve

Dual-stage Vent Valve

Others

Segmentation by Grade:

Pack Level

Module Level

Segmentation by Application:

Power Battery

Energy Storage Battery

Others

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

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.

PUW

VOIR

Pan Asian Microvent Tech

GVS

Milvent Technology

JIN HAN

Guangdong Shangda Energy Technology

Freudenberg

Donaldson

Spider (Xiamen) Technology

GORE

Sinri

Key Questions Addressed in this Report

What is the 10-year outlook for the global Millisecond Battery Explosion-Proof Valve market?

What factors are driving Millisecond Battery Explosion-Proof Valve market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Millisecond Battery Explosion-Proof Valve market opportunities vary by end market size?

How does Millisecond Battery Explosion-Proof Valve break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Millisecond Battery Explosion-Proof Valve Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Millisecond Battery Explosion-Proof Valve by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Millisecond Battery Explosion-Proof Valve by Country/Region, 2021, 2025 & 2032
- 2.2 Millisecond Battery Explosion-Proof Valve Segment by Type
 - 2.2.1 Aluminium Valve
 - 2.2.2 Plastic Valve
 - 2.2.3 Others
 - 2.2.4 Millisecond Battery Explosion-Proof Valve Sales by Type
 - 2.2.4.1 Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Millisecond Battery Explosion-Proof Valve Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Millisecond Battery Explosion-Proof Valve Sale Price by Type (2021-2026)
- 2.3 Millisecond Battery Explosion-Proof Valve Segment by Pressure Relief
 - 2.3.1 Single-stage Vent Valve
 - 2.3.2 Dual-stage Vent Valve
 - 2.3.3 Others
 - 2.3.4 Millisecond Battery Explosion-Proof Valve Sales by Pressure Relief
 - 2.3.4.1 Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Pressure Relief (2021-2026)

2.3.4.2 Global Millisecond Battery Explosion-Proof Valve Revenue and Market Share by Pressure Relief (2021-2026)

2.3.4.3 Global Millisecond Battery Explosion-Proof Valve Sale Price by Pressure Relief (2021-2026)

2.4 Millisecond Battery Explosion-Proof Valve Segment by Grade

2.4.1 Pack Level

2.4.2 Module Level

2.4.3 Millisecond Battery Explosion-Proof Valve Sales by Grade

2.4.3.1 Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Grade (2021-2026)

2.4.3.2 Global Millisecond Battery Explosion-Proof Valve Revenue and Market Share by Grade (2021-2026)

2.4.3.3 Global Millisecond Battery Explosion-Proof Valve Sale Price by Grade (2021-2026)

2.5 Millisecond Battery Explosion-Proof Valve Segment by Application

2.5.1 Power Battery

2.5.2 Energy Storage Battery

2.5.3 Others

2.5.4 Millisecond Battery Explosion-Proof Valve Sales by Application

2.5.4.1 Global Millisecond Battery Explosion-Proof Valve Sale Market Share by Application (2021-2026)

2.5.4.2 Global Millisecond Battery Explosion-Proof Valve Revenue and Market Share by Application (2021-2026)

2.5.4.3 Global Millisecond Battery Explosion-Proof Valve Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Millisecond Battery Explosion-Proof Valve Breakdown Data by Company

3.1.1 Global Millisecond Battery Explosion-Proof Valve Annual Sales by Company (2021-2026)

3.1.2 Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Company (2021-2026)

3.2 Global Millisecond Battery Explosion-Proof Valve Annual Revenue by Company (2021-2026)

3.2.1 Global Millisecond Battery Explosion-Proof Valve Revenue by Company (2021-2026)

3.2.2 Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Company (2021-2026)

- 3.3 Global Millisecond Battery Explosion-Proof Valve Sale Price by Company
- 3.4 Key Manufacturers Millisecond Battery Explosion-Proof Valve Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Millisecond Battery Explosion-Proof Valve Product Location Distribution
 - 3.4.2 Players Millisecond Battery Explosion-Proof Valve Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR MILLISECOND BATTERY EXPLOSION-PROOF VALVE BY GEOGRAPHIC REGION

- 4.1 World Historic Millisecond Battery Explosion-Proof Valve Market Size by Geographic Region (2021-2026)
 - 4.1.1 Global Millisecond Battery Explosion-Proof Valve Annual Sales by Geographic Region (2021-2026)
 - 4.1.2 Global Millisecond Battery Explosion-Proof Valve Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Millisecond Battery Explosion-Proof Valve Market Size by Country/Region (2021-2026)
 - 4.2.1 Global Millisecond Battery Explosion-Proof Valve Annual Sales by Country/Region (2021-2026)
 - 4.2.2 Global Millisecond Battery Explosion-Proof Valve Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Millisecond Battery Explosion-Proof Valve Sales Growth
- 4.4 APAC Millisecond Battery Explosion-Proof Valve Sales Growth
- 4.5 Europe Millisecond Battery Explosion-Proof Valve Sales Growth
- 4.6 Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales Growth

5 AMERICAS

- 5.1 Americas Millisecond Battery Explosion-Proof Valve Sales by Country
 - 5.1.1 Americas Millisecond Battery Explosion-Proof Valve Sales by Country (2021-2026)
 - 5.1.2 Americas Millisecond Battery Explosion-Proof Valve Revenue by Country (2021-2026)

5.2 Americas Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026)

5.3 Americas Millisecond Battery Explosion-Proof Valve Sales by Application
(2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Millisecond Battery Explosion-Proof Valve Sales by Region

6.1.1 APAC Millisecond Battery Explosion-Proof Valve Sales by Region (2021-2026)

6.1.2 APAC Millisecond Battery Explosion-Proof Valve Revenue by Region
(2021-2026)

6.2 APAC Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026)

6.3 APAC Millisecond Battery Explosion-Proof Valve Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Millisecond Battery Explosion-Proof Valve by Country

7.1.1 Europe Millisecond Battery Explosion-Proof Valve Sales by Country (2021-2026)

7.1.2 Europe Millisecond Battery Explosion-Proof Valve Revenue by Country
(2021-2026)

7.2 Europe Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026)

7.3 Europe Millisecond Battery Explosion-Proof Valve Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Millisecond Battery Explosion-Proof Valve by Country

8.1.1 Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales by Country (2021-2026)

8.1.2 Middle East & Africa Millisecond Battery Explosion-Proof Valve Revenue by Country (2021-2026)

8.2 Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026)

8.3 Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Millisecond Battery Explosion-Proof Valve

10.3 Manufacturing Process Analysis of Millisecond Battery Explosion-Proof Valve

10.4 Industry Chain Structure of Millisecond Battery Explosion-Proof Valve

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Millisecond Battery Explosion-Proof Valve Distributors

11.3 Millisecond Battery Explosion-Proof Valve Customer

12 WORLD FORECAST REVIEW FOR MILLISECOND BATTERY EXPLOSION-

PROOF VALVE BY GEOGRAPHIC REGION

12.1 Global Millisecond Battery Explosion-Proof Valve Market Size Forecast by Region

12.1.1 Global Millisecond Battery Explosion-Proof Valve Forecast by Region (2027-2032)

12.1.2 Global Millisecond Battery Explosion-Proof Valve Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Millisecond Battery Explosion-Proof Valve Forecast by Type (2027-2032)

12.7 Global Millisecond Battery Explosion-Proof Valve Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 PUW

13.1.1 PUW Company Information

13.1.2 PUW Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

13.1.3 PUW Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 PUW Main Business Overview

13.1.5 PUW Latest Developments

13.2 VOIR

13.2.1 VOIR Company Information

13.2.2 VOIR Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

13.2.3 VOIR Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 VOIR Main Business Overview

13.2.5 VOIR Latest Developments

13.3 Pan Asian Microvent Tech

13.3.1 Pan Asian Microvent Tech Company Information

13.3.2 Pan Asian Microvent Tech Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

13.3.3 Pan Asian Microvent Tech Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.3.4 Pan Asian Microvent Tech Main Business Overview
- 13.3.5 Pan Asian Microvent Tech Latest Developments
- 13.4 GVS
 - 13.4.1 GVS Company Information
 - 13.4.2 GVS Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications
 - 13.4.3 GVS Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 GVS Main Business Overview
 - 13.4.5 GVS Latest Developments
- 13.5 Milvent Technology
 - 13.5.1 Milvent Technology Company Information
 - 13.5.2 Milvent Technology Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications
 - 13.5.3 Milvent Technology Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 Milvent Technology Main Business Overview
 - 13.5.5 Milvent Technology Latest Developments
- 13.6 JIN HAN
 - 13.6.1 JIN HAN Company Information
 - 13.6.2 JIN HAN Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications
 - 13.6.3 JIN HAN Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 JIN HAN Main Business Overview
 - 13.6.5 JIN HAN Latest Developments
- 13.7 Guangdong Shangda Energy Technology
 - 13.7.1 Guangdong Shangda Energy Technology Company Information
 - 13.7.2 Guangdong Shangda Energy Technology Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications
 - 13.7.3 Guangdong Shangda Energy Technology Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Guangdong Shangda Energy Technology Main Business Overview
 - 13.7.5 Guangdong Shangda Energy Technology Latest Developments
- 13.8 Freudenberg
 - 13.8.1 Freudenberg Company Information
 - 13.8.2 Freudenberg Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications
 - 13.8.3 Freudenberg Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price

and Gross Margin (2021-2026)

13.8.4 Freudenberg Main Business Overview

13.8.5 Freudenberg Latest Developments

13.9 Donaldson

13.9.1 Donaldson Company Information

13.9.2 Donaldson Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

13.9.3 Donaldson Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Donaldson Main Business Overview

13.9.5 Donaldson Latest Developments

13.10 Spider (Xiamen) Technology

13.10.1 Spider (Xiamen) Technology Company Information

13.10.2 Spider (Xiamen) Technology Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

13.10.3 Spider (Xiamen) Technology Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Spider (Xiamen) Technology Main Business Overview

13.10.5 Spider (Xiamen) Technology Latest Developments

13.11 GORE

13.11.1 GORE Company Information

13.11.2 GORE Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

13.11.3 GORE Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 GORE Main Business Overview

13.11.5 GORE Latest Developments

13.12 Sinri

13.12.1 Sinri Company Information

13.12.2 Sinri Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

13.12.3 Sinri Millisecond Battery Explosion-Proof Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Sinri Main Business Overview

13.12.5 Sinri Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Millisecond Battery Explosion-Proof Valve Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Millisecond Battery Explosion-Proof Valve Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Aluminium Valve
- Table 4. Major Players of Plastic Valve
- Table 5. Major Players of Others
- Table 6. Global Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026) & (K Units)
- Table 7. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Type (2021-2026)
- Table 8. Global Millisecond Battery Explosion-Proof Valve Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Type (2021-2026)
- Table 10. Global Millisecond Battery Explosion-Proof Valve Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 11. Major Players of Single-stage Vent Valve
- Table 12. Major Players of Dual-stage Vent Valve
- Table 13. Major Players of Others
- Table 14. Global Millisecond Battery Explosion-Proof Valve Sales by Pressure Relief (2021-2026) & (K Units)
- Table 15. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Pressure Relief (2021-2026)
- Table 16. Global Millisecond Battery Explosion-Proof Valve Revenue by Pressure Relief (2021-2026) & (\$ million)
- Table 17. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Pressure Relief (2021-2026)
- Table 18. Global Millisecond Battery Explosion-Proof Valve Sale Price by Pressure Relief (2021-2026) & (US\$/Unit)
- Table 19. Major Players of Pack Level
- Table 20. Major Players of Module Level
- Table 21. Global Millisecond Battery Explosion-Proof Valve Sales by Grade (2021-2026) & (K Units)
- Table 22. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by

Grade (2021-2026)

Table 23. Global Millisecond Battery Explosion-Proof Valve Revenue by Grade (2021-2026) & (\$ million)

Table 24. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Grade (2021-2026)

Table 25. Global Millisecond Battery Explosion-Proof Valve Sale Price by Grade (2021-2026) & (US\$/Unit)

Table 26. Global Millisecond Battery Explosion-Proof Valve Sale by Application (2021-2026) & (K Units)

Table 27. Global Millisecond Battery Explosion-Proof Valve Sale Market Share by Application (2021-2026)

Table 28. Global Millisecond Battery Explosion-Proof Valve Revenue by Application (2021-2026) & (\$ million)

Table 29. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Application (2021-2026)

Table 30. Global Millisecond Battery Explosion-Proof Valve Sale Price by Application (2021-2026) & (US\$/Unit)

Table 31. Global Millisecond Battery Explosion-Proof Valve Sales by Company (2021-2026) & (K Units)

Table 32. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Company (2021-2026)

Table 33. Global Millisecond Battery Explosion-Proof Valve Revenue by Company (2021-2026) & (\$ millions)

Table 34. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Company (2021-2026)

Table 35. Global Millisecond Battery Explosion-Proof Valve Sale Price by Company (2021-2026) & (US\$/Unit)

Table 36. Key Manufacturers Millisecond Battery Explosion-Proof Valve Producing Area Distribution and Sales Area

Table 37. Players Millisecond Battery Explosion-Proof Valve Products Offered

Table 38. Millisecond Battery Explosion-Proof Valve Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 39. New Products and Potential Entrants

Table 40. Market M&A Activity & Strategy

Table 41. Global Millisecond Battery Explosion-Proof Valve Sales by Geographic Region (2021-2026) & (K Units)

Table 42. Global Millisecond Battery Explosion-Proof Valve Sales Market Share Geographic Region (2021-2026)

Table 43. Global Millisecond Battery Explosion-Proof Valve Revenue by Geographic

Region (2021-2026) & (\$ millions)

Table 44. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Geographic Region (2021-2026)

Table 45. Global Millisecond Battery Explosion-Proof Valve Sales by Country/Region (2021-2026) & (K Units)

Table 46. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Country/Region (2021-2026)

Table 47. Global Millisecond Battery Explosion-Proof Valve Revenue by Country/Region (2021-2026) & (\$ millions)

Table 48. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Country/Region (2021-2026)

Table 49. Americas Millisecond Battery Explosion-Proof Valve Sales by Country (2021-2026) & (K Units)

Table 50. Americas Millisecond Battery Explosion-Proof Valve Sales Market Share by Country (2021-2026)

Table 51. Americas Millisecond Battery Explosion-Proof Valve Revenue by Country (2021-2026) & (\$ millions)

Table 52. Americas Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026) & (K Units)

Table 53. Americas Millisecond Battery Explosion-Proof Valve Sales by Application (2021-2026) & (K Units)

Table 54. APAC Millisecond Battery Explosion-Proof Valve Sales by Region (2021-2026) & (K Units)

Table 55. APAC Millisecond Battery Explosion-Proof Valve Sales Market Share by Region (2021-2026)

Table 56. APAC Millisecond Battery Explosion-Proof Valve Revenue by Region (2021-2026) & (\$ millions)

Table 57. APAC Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026) & (K Units)

Table 58. APAC Millisecond Battery Explosion-Proof Valve Sales by Application (2021-2026) & (K Units)

Table 59. Europe Millisecond Battery Explosion-Proof Valve Sales by Country (2021-2026) & (K Units)

Table 60. Europe Millisecond Battery Explosion-Proof Valve Revenue by Country (2021-2026) & (\$ millions)

Table 61. Europe Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026) & (K Units)

Table 62. Europe Millisecond Battery Explosion-Proof Valve Sales by Application (2021-2026) & (K Units)

Table 63. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales by Country (2021-2026) & (K Units)

Table 64. Middle East & Africa Millisecond Battery Explosion-Proof Valve Revenue Market Share by Country (2021-2026)

Table 65. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales by Type (2021-2026) & (K Units)

Table 66. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales by Application (2021-2026) & (K Units)

Table 67. Key Market Drivers & Growth Opportunities of Millisecond Battery Explosion-Proof Valve

Table 68. Key Market Challenges & Risks of Millisecond Battery Explosion-Proof Valve

Table 69. Key Industry Trends of Millisecond Battery Explosion-Proof Valve

Table 70. Millisecond Battery Explosion-Proof Valve Raw Material

Table 71. Key Suppliers of Raw Materials

Table 72. Millisecond Battery Explosion-Proof Valve Distributors List

Table 73. Millisecond Battery Explosion-Proof Valve Customer List

Table 74. Global Millisecond Battery Explosion-Proof Valve Sales Forecast by Region (2027-2032) & (K Units)

Table 75. Global Millisecond Battery Explosion-Proof Valve Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 76. Americas Millisecond Battery Explosion-Proof Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 77. Americas Millisecond Battery Explosion-Proof Valve Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 78. APAC Millisecond Battery Explosion-Proof Valve Sales Forecast by Region (2027-2032) & (K Units)

Table 79. APAC Millisecond Battery Explosion-Proof Valve Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 80. Europe Millisecond Battery Explosion-Proof Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 81. Europe Millisecond Battery Explosion-Proof Valve Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 82. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 83. Middle East & Africa Millisecond Battery Explosion-Proof Valve Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 84. Global Millisecond Battery Explosion-Proof Valve Sales Forecast by Type (2027-2032) & (K Units)

Table 85. Global Millisecond Battery Explosion-Proof Valve Revenue Forecast by Type

(2027-2032) & (\$ millions)

Table 86. Global Millisecond Battery Explosion-Proof Valve Sales Forecast by Application (2027-2032) & (K Units)

Table 87. Global Millisecond Battery Explosion-Proof Valve Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 88. PUW Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 89. PUW Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 90. PUW Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 91. PUW Main Business

Table 92. PUW Latest Developments

Table 93. VOIR Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 94. VOIR Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 95. VOIR Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 96. VOIR Main Business

Table 97. VOIR Latest Developments

Table 98. Pan Asian Microvent Tech Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 99. Pan Asian Microvent Tech Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 100. Pan Asian Microvent Tech Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 101. Pan Asian Microvent Tech Main Business

Table 102. Pan Asian Microvent Tech Latest Developments

Table 103. GVS Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 104. GVS Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 105. GVS Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 106. GVS Main Business

Table 107. GVS Latest Developments

Table 108. Milvent Technology Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 109. Milvent Technology Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 110. Milvent Technology Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 111. Milvent Technology Main Business

Table 112. Milvent Technology Latest Developments

Table 113. JIN HAN Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 114. JIN HAN Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 115. JIN HAN Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 116. JIN HAN Main Business

Table 117. JIN HAN Latest Developments

Table 118. Guangdong Shangda Energy Technology Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 119. Guangdong Shangda Energy Technology Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 120. Guangdong Shangda Energy Technology Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 121. Guangdong Shangda Energy Technology Main Business

Table 122. Guangdong Shangda Energy Technology Latest Developments

Table 123. Freudenberg Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 124. Freudenberg Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 125. Freudenberg Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 126. Freudenberg Main Business

Table 127. Freudenberg Latest Developments

Table 128. Donaldson Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 129. Donaldson Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 130. Donaldson Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 131. Donaldson Main Business

Table 132. Donaldson Latest Developments

Table 133. Spider (Xiamen) Technology Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 134. Spider (Xiamen) Technology Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 135. Spider (Xiamen) Technology Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 136. Spider (Xiamen) Technology Main Business

Table 137. Spider (Xiamen) Technology Latest Developments

Table 138. GORE Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 139. GORE Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 140. GORE Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 141. GORE Main Business

Table 142. GORE Latest Developments

Table 143. Sinri Basic Information, Millisecond Battery Explosion-Proof Valve Manufacturing Base, Sales Area and Its Competitors

Table 144. Sinri Millisecond Battery Explosion-Proof Valve Product Portfolios and Specifications

Table 145. Sinri Millisecond Battery Explosion-Proof Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 146. Sinri Main Business

Table 147. Sinri Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Millisecond Battery Explosion-Proof Valve
- Figure 2. Millisecond Battery Explosion-Proof Valve Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Millisecond Battery Explosion-Proof Valve Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Millisecond Battery Explosion-Proof Valve Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Millisecond Battery Explosion-Proof Valve Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Millisecond Battery Explosion-Proof Valve Sales Market Share by Country/Region (2025)
- Figure 10. Millisecond Battery Explosion-Proof Valve Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Aluminium Valve
- Figure 12. Product Picture of Plastic Valve
- Figure 13. Product Picture of Others
- Figure 14. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Type in 2026
- Figure 15. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Single-stage Vent Valve
- Figure 17. Product Picture of Dual-stage Vent Valve
- Figure 18. Product Picture of Others
- Figure 19. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Pressure Relief in 2026
- Figure 20. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Pressure Relief (2021-2026)
- Figure 21. Product Picture of Pack Level
- Figure 22. Product Picture of Module Level
- Figure 23. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Grade in 2026
- Figure 24. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Grade (2021-2026)

Figure 25. Millisecond Battery Explosion-Proof Valve Consumed in Power Battery

Figure 26. Global Millisecond Battery Explosion-Proof Valve Market: Power Battery (2021-2026) & (K Units)

Figure 27. Millisecond Battery Explosion-Proof Valve Consumed in Energy Storage Battery

Figure 28. Global Millisecond Battery Explosion-Proof Valve Market: Energy Storage Battery (2021-2026) & (K Units)

Figure 29. Millisecond Battery Explosion-Proof Valve Consumed in Others

Figure 30. Global Millisecond Battery Explosion-Proof Valve Market: Others (2021-2026) & (K Units)

Figure 31. Global Millisecond Battery Explosion-Proof Valve Sale Market Share by Application (2025)

Figure 32. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Application in 2025

Figure 33. Millisecond Battery Explosion-Proof Valve Sales by Company in 2025 (K Units)

Figure 34. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Company in 2025

Figure 35. Millisecond Battery Explosion-Proof Valve Revenue by Company in 2025 (\$ millions)

Figure 36. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Company in 2025

Figure 37. Global Millisecond Battery Explosion-Proof Valve Sales Market Share by Geographic Region (2021-2026)

Figure 38. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share by Geographic Region in 2025

Figure 39. Americas Millisecond Battery Explosion-Proof Valve Sales 2021-2026 (K Units)

Figure 40. Americas Millisecond Battery Explosion-Proof Valve Revenue 2021-2026 (\$ millions)

Figure 41. APAC Millisecond Battery Explosion-Proof Valve Sales 2021-2026 (K Units)

Figure 42. APAC Millisecond Battery Explosion-Proof Valve Revenue 2021-2026 (\$ millions)

Figure 43. Europe Millisecond Battery Explosion-Proof Valve Sales 2021-2026 (K Units)

Figure 44. Europe Millisecond Battery Explosion-Proof Valve Revenue 2021-2026 (\$ millions)

Figure 45. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales 2021-2026 (K Units)

Figure 46. Middle East & Africa Millisecond Battery Explosion-Proof Valve Revenue

2021-2026 (\$ millions)

Figure 47. Americas Millisecond Battery Explosion-Proof Valve Sales Market Share by Country in 2025

Figure 48. Americas Millisecond Battery Explosion-Proof Valve Revenue Market Share by Country (2021-2026)

Figure 49. Americas Millisecond Battery Explosion-Proof Valve Sales Market Share by Type (2021-2026)

Figure 50. Americas Millisecond Battery Explosion-Proof Valve Sales Market Share by Application (2021-2026)

Figure 51. United States Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 52. Canada Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 53. Mexico Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 54. Brazil Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 55. APAC Millisecond Battery Explosion-Proof Valve Sales Market Share by Region in 2025

Figure 56. APAC Millisecond Battery Explosion-Proof Valve Revenue Market Share by Region (2021-2026)

Figure 57. APAC Millisecond Battery Explosion-Proof Valve Sales Market Share by Type (2021-2026)

Figure 58. APAC Millisecond Battery Explosion-Proof Valve Sales Market Share by Application (2021-2026)

Figure 59. China Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 60. Japan Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 61. South Korea Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 62. Southeast Asia Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 63. India Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 64. Australia Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 65. China Taiwan Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 66. Europe Millisecond Battery Explosion-Proof Valve Sales Market Share by Country in 2025

Figure 67. Europe Millisecond Battery Explosion-Proof Valve Revenue Market Share by Country (2021-2026)

Figure 68. Europe Millisecond Battery Explosion-Proof Valve Sales Market Share by Type (2021-2026)

Figure 69. Europe Millisecond Battery Explosion-Proof Valve Sales Market Share by Application (2021-2026)

Figure 70. Germany Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 71. France Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 72. UK Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 73. Italy Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 74. Russia Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 75. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales Market Share by Country (2021-2026)

Figure 76. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales Market Share by Type (2021-2026)

Figure 77. Middle East & Africa Millisecond Battery Explosion-Proof Valve Sales Market Share by Application (2021-2026)

Figure 78. Egypt Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 79. South Africa Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 80. Israel Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 81. Turkey Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 82. GCC Countries Millisecond Battery Explosion-Proof Valve Revenue Growth 2021-2026 (\$ millions)

Figure 83. Manufacturing Cost Structure Analysis of Millisecond Battery Explosion-Proof Valve in 2026

Figure 84. Manufacturing Process Analysis of Millisecond Battery Explosion-Proof Valve

Figure 85. Industry Chain Structure of Millisecond Battery Explosion-Proof Valve

Figure 86. Channels of Distribution

Figure 87. Global Millisecond Battery Explosion-Proof Valve Sales Market Forecast by Region (2027-2032)

Figure 88. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share Forecast by Region (2027-2032)

Figure 89. Global Millisecond Battery Explosion-Proof Valve Sales Market Share Forecast by Type (2027-2032)

Figure 90. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share Forecast by Type (2027-2032)

Figure 91. Global Millisecond Battery Explosion-Proof Valve Sales Market Share Forecast by Application (2027-2032)

Figure 92. Global Millisecond Battery Explosion-Proof Valve Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Millisecond Battery Explosion-Proof Valve Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G3B2BF902C9FEN.html>

Price: US\$ 3,660.00 (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/G3B2BF902C9FEN.html>