

Global Li-battery Thermal Runaway Sensor Market Growth 2022-2028

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Abstracts

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The lithium battery thermal runaway sensor can effectively monitor the CO₂, CO/HC/H₂, temperature and pressure released before the thermal runaway of the lithium-ion battery is triggered, and transmit the measurement signal to the new energy battery management system (BMS) through CAN communication to formulate more Safe early warning strategy.

The global market for Li-battery Thermal Runaway Sensor is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC Li-battery Thermal Runaway Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States Li-battery Thermal Runaway Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe Li-battery Thermal Runaway Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China Li-battery Thermal Runaway Sensor market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key Li-battery Thermal Runaway Sensor players cover Amphenol Advanced Sensors, Metis Engineering, Honeywell, Nexceris and Ametherm and etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global Li-battery Thermal Runaway Sensor market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global Li-battery Thermal Runaway Sensor market, with both quantitative and qualitative data, to help readers understand how the Li-battery Thermal Runaway Sensor market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the Li-battery Thermal Runaway Sensor market and forecasts the market size by Type (CO₂ Measurement, CO Measurement and Temperature Measurement), by Application (Automotive, Consumer Electronics, Electrical Tools and Others), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

CO₂ Measurement

CO Measurement

Temperature Measurement

Segmentation by application

Automotive

Consumer Electronics

Electrical Tools

Others

Segmentation 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

Major companies covered

Amphenol Advanced Sensors

Metis Engineering

Honeywell

Nexceris

Ametherm

Cubic Sensor

Chapter Introduction

Chapter 1: Scope of Li-battery Thermal Runaway Sensor, Research Methodology, etc.

Chapter 2: Executive Summary, global Li-battery Thermal Runaway Sensor market size (sales and revenue) and CAGR, Li-battery Thermal Runaway Sensor market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: Li-battery Thermal Runaway Sensor sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global Li-battery Thermal Runaway Sensor sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global Li-battery Thermal Runaway Sensor market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Amphenol Advanced Sensors, Metis Engineering, Honeywell, Nexceris, Ametherm and Cubic Sensor, etc.

Chapter 14: Research Findings and Conclusion

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