

Global Battery Sensor Market - Forecasts from 2018 to 2023

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Abstracts

The global battery sensor market is projected to grow at a CAGR of 14.04% to reach US\$744.760 million by 2023, from US\$338.582 million in 2017. Battery sensor monitors the various factors which might affect the life of the battery including voltage, current and temperature, without affecting their data processing capabilities. The major factors driving the demand for these sensors are the rising demand for electric vehicles worldwide, increasing demand for energy storage solutions in the industrial sector and others. Geographically, North America and Europe held a significant market share owing to the high adoption of electric vehicles and increasing manufacturing activities. The Asia Pacific region will grow at a substantial rate owing to favourable government policies boosting production activities across industry verticals and rising energy concerns over the forecast period.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while

conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the global battery sensor value chain. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the global battery sensor market.

Major industry players profiled as part of the report are Zentrum Mikroelektronik Dresden AG, Furukawa Electric Co., Ltd., NXP Semiconductors, Robert Bosch GmbH, Hella GmbH & Co. KGaA, and Continental AG among others.

Segmentation

The global battery sensor market has been analyzed through the following segments:

By Communication Protocol

CAN

LIN

By Voltage Type

12V

24V

48V

By Industry Vertical

Automotive

Energy and Power

Others

By Geography

North America

USA

Canada

Others

South America

Brazil

Others

Europe

Germany

France
United Kingdom
Spain
Others
Middle East and Africa
Israel
Others
Asia Pacific
China
Japan
South Korea
Others

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