

Wireless BMS Market, Global Outlook and Forecast 2022-2028

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Abstracts

The wBMS is a complete solution which is easy for the automotive manufacturer to integrate into a battery pack design. It includes a wCMC (wireless cell monitoring controller) unit for each battery module, and a wireless manager unit to control the communications network which connects multiple battery modules wirelessly to the ECU. Beside the wireless section, each wCMC unit includes a battery management system which performs highly accurate measurements of various battery parameters so that the applications processing unit can analyse the state of charge and state of health of the batteries.

This report contains market size and forecasts of Wireless BMS in Global, including the following market information:

Global Wireless BMS Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Wireless BMS market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Battery Control Unit Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Wireless BMS include Contemporary Amperex

Technology Co. Limited, Visteon, Texas Instruments, Infineon, General Motor, MARELLI, Analog Devices, Inc, Sensata Technologies and Linear Technology, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Wireless BMS companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Wireless BMS Market, by Component Type, 2017-2022, 2023-2028 (\$ millions)

Global Wireless BMS Market Segment Percentages, by Component Type, 2021 (%)

Battery Control Unit

Wireless Cell Monitoring Unit

Wireless Network Manager Unit

Others

Global Wireless BMS Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Wireless BMS Market Segment Percentages, by Application, 2021 (%)

Energy Storage

Electric Vehicles

Others

Global Wireless BMS Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Wireless BMS Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Wireless BMS revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Wireless BMS revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Contemporary Amperex Technology Co. Limited

Visteon

Texas Instruments

Infineon

General Motor

MARELLI

Analog Devices, Inc

Sensata Technologies

Linear Technology

AEG PS

Socomec

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