

Global GMR Current Sensor for New Energy Vehicles Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global GMR Current Sensor for New Energy Vehicles market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

At present, GMR current sensors have been widely used in the automotive field, mainly in the following aspects: Battery management: GMR current sensors can be used in the battery management system of electric vehicles or hybrid vehicles to measure the charging and discharging of batteries. current to achieve intelligent management of the battery. Motor control: GMR current sensors can be used in motor control systems to detect the current of the motor and precisely control the speed and torque of the motor through feedback control. Gas concentration detection outside the car: GMR current sensors can detect the gas concentration outside the car by measuring the change of the gas outside the car to the magnetic resistance, and are used for air purification inside the car. Body stability control: GMR current sensors can be used in body stability control systems to detect the tilt angle and acceleration of the body to achieve smooth driving and optimized safety performance of the body. Steering wheel position detection: GMR current sensor can be used for steering wheel position detection to realize functions such as automatic parking. In general, GMR current sensors have broad application prospects in the fields of automotive electronics and electric vehicle technology, and more and more car manufacturers have begun to use GMR current sensors to replace traditional current sensors to improve the safety of the entire vehicle system. performance and reliability.

This report studies the global GMR Current Sensor for New Energy Vehicles production, demand, key manufacturers, and key regions.



This report is a detailed and comprehensive analysis of the world market for GMR Current Sensor for New Energy Vehicles, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of GMR Current Sensor for New Energy Vehicles that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global GMR Current Sensor for New Energy Vehicles total production and demand, 2018-2029, (K Units)

Global GMR Current Sensor for New Energy Vehicles total production value, 2018-2029, (USD Million)

Global GMR Current Sensor for New Energy Vehicles production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global GMR Current Sensor for New Energy Vehicles consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: GMR Current Sensor for New Energy Vehicles domestic production, consumption, key domestic manufacturers and share

Global GMR Current Sensor for New Energy Vehicles production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global GMR Current Sensor for New Energy Vehicles production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global GMR Current Sensor for New Energy Vehicles production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global GMR Current Sensor for New Energy Vehicles 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 NVE Corporation, MEMSIC, Inc., Analog Devices, Inc., Honeywell International Inc., Robert Bosch GmbH, The Micronas Group, Melexis NV, Infineon Technologies AG and Sanken Electric Co.,



Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World GMR Current Sensor for New Energy Vehicles 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global GMR Current Sensor for New Energy Vehicles Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global GMR Current Sensor for New Energy Vehicles Market, Segmentation by Type

Standard Multilayer (ML)



High Temperature Multilayer (HTM)

Low Hysteresis High Temperature Multilayer Film (LHHTM)

Global GMR Current Sensor for New Energy Vehicles Market, Segmentation by Application

Application		
	Electric Vehicle	
	Hydrogen-powered Vehicles	
	Solar Vehicle	

Alternative Energy (Natural Gas, Rthanol, etc.) Vehicles

Companies Profiled:

NVE Corporation

MEMSIC, Inc.

Analog Devices, Inc.

Honeywell International Inc.

Robert Bosch GmbH

The Micronas Group

Melexis NV

Infineon Technologies AG

Sanken Electric Co., Ltd.

Asahi Kasei Corporation



Key Questions Answered

- 1. How big is the global GMR Current Sensor for New Energy Vehicles market?
- 2. What is the demand of the global GMR Current Sensor for New Energy Vehicles market?
- 3. What is the year over year growth of the global GMR Current Sensor for New Energy Vehicles market?
- 4. What is the production and production value of the global GMR Current Sensor for New Energy Vehicles market?
- 5. Who are the key producers in the global GMR Current Sensor for New Energy Vehicles market?
- 6. What are the growth factors driving the market demand?



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