

Global Integrated Starter Generator (ISG) Market Growth 2023-2029

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Abstracts

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The Integrated Starter Generator (ISG) replaces the conventional starter, generator and flywheel of the engine and provides an auxiliary function as a convenient automatic vehicle start-stop system for further improved fuel efficiency

Like a conventional alternator, the ISG produces electric power when the vehicle is running, which is used to supply electric devices and/or to charge the battery. The ISG can help to decelerate the vehicle by generating electric power, which is called regenerative braking. The electric power generated charges the battery, reducing fuel consumption. If a clutch disconnects the ISG and the compressor from the engine during the idle stop, the ISG can drive the air-conditioning compressor via a belt.

LPI (LP Information)' newest research report, the “Integrated Starter Generator (ISG) Industry Forecast” looks at past sales and reviews total world Integrated Starter Generator (ISG) sales in 2022, providing a comprehensive analysis by region and market sector of projected Integrated Starter Generator (ISG) sales for 2023 through 2029. With Integrated Starter Generator (ISG) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Integrated Starter Generator (ISG) industry.

This Insight Report provides a comprehensive analysis of the global Integrated Starter Generator (ISG) 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 Integrated Starter Generator (ISG) portfolios and capabilities, market entry strategies,

market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Integrated Starter Generator (ISG) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Integrated Starter Generator (ISG) 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 Integrated Starter Generator (ISG).

The global Integrated Starter Generator (ISG) market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

Based on type of hybridization circuit, the integrated starter generator can be segregated into series hybrid, parallel hybrid, and series parallel hybrid.

This report presents a comprehensive overview, market shares, and growth opportunities of Integrated Starter Generator (ISG) market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Series Hybrid

Parallel Hybrid

Series Parallel Hybrid

Segmentation by application

Passenger Vehicle

Commercial Vehicle

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 analyzing the company's coverage, product portfolio, its market penetration.

Continental

Robert Bosch

Mitsubishi Electric

Federal-Mogul

Key Questions Addressed in this Report

What is the 10-year outlook for the global Integrated Starter Generator (ISG) market?

What factors are driving Integrated Starter Generator (ISG) market growth, globally and by region?

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

How do Integrated Starter Generator (ISG) market opportunities vary by end market size?

How does Integrated Starter Generator (ISG) break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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Figure 76. Global Integrated Starter Generator (ISG) Revenue Market Share Forecast by Region (2024-2029)

Figure 77. Global Integrated Starter Generator (ISG) Sales Market Share Forecast by Type (2024-2029)

Figure 78. Global Integrated Starter Generator (ISG) Revenue Market Share Forecast by Type (2024-2029)

Figure 79. Global Integrated Starter Generator (ISG) Sales Market Share Forecast by Application (2024-2029)

Figure 80. Global Integrated Starter Generator (ISG) Revenue Market Share Forecast by Application (2024-2029)

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