

# 2018-2023 Global Regenerative Braking Systems Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Regenerative Braking Systems market for 2018-2023.

Regenerative Braking System (RBS) is a mechanism that uses a generator to recover kinetic energy while braking. In conventional vehicles, most of the kinetic energy generated during braking is converted into heat and is dissipated into the environment. RBS helps in converting the generated heat into electrical energy and further store it in an energy storage system such as flywheel, batteries, and ultra-capacitors.

In the last several years, global market of regenerative braking systems developed rapidly, with an average growth rate of 9%. In 2016, global revenue of regenerative braking systems is nearly 699 M USD; the actual consumption is about 2451 K units.

The global average price of regenerative braking systems is in the decreasing trend, from 317 USD/Unit in 2012 to 258 USD/Unit in 2016. With the situation of global economy, prices will be in decreasing trend in the following five years.

The classification of regenerative braking systems includes ESC based system, ABS based system and other type, and the proportion of ESC based system in 2016 is about 89%.

Regenerative braking systems are widely used in HEV, BEV, PHEV and other vehicles. The most proportion of regenerative braking systems is HEV, and the consumption

proportion in 2016 is about 69%.

Japan is the largest consumption place, with a consumption market share nearly 39% in 2016. Following Japan, China is the second largest consumption place with the consumption market share of 22%.

Market competition is intense. ADVICS, Bosch, Continental, Hitachi, TRW, etc. are the leaders of the industry, and they hold key technologies and patents, with high-end customers; have been formed in the monopoly position in the industry.

Over the next five years, LPI(LP Information) projects that Regenerative Braking Systems will register a 9.0% CAGR in terms of revenue, reach US\$ 1290 million by 2023, from US\$ 770 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Regenerative Braking Systems market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

ESC Based System

ABS Based System

Others

Segmentation by application:

Hybrid Electric Vehicles

Electric Vehicles

Plug-In Hybrid Electric Vehicles

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

ADVICS

Bosch

Continental

Hitachi

TRW

APG

Youfin

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In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

## Research objectives

To study and analyze the global Regenerative Braking Systems consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Regenerative Braking Systems market by identifying its various subsegments.

Focuses on the key global Regenerative Braking Systems manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Regenerative Braking Systems with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Regenerative Braking Systems submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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