

Power Electronics Hardware-in-the-Loop Market, Global Outlook and Forecast 2022-2028

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Abstracts

Hardware-in-the-loop (HIL) technique is used to analyze complex real-time embedded systems. The HIL system provides an effective platform which for reduce the complexity of the plant and control the test platform. HIL technology offers high-quality output and reduces the cost involved and time needed. Hence, it is widely preferred in many applications such as power electronic, aerospace, automotive, and others.

This report contains market size and forecasts of Power Electronics Hardware-in-the-Loop in Global, including the following market information:

Global Power Electronics Hardware-in-the-Loop Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

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

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

Closed Loop HIL Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Power Electronics Hardware-in-the-Loop include DSpace GmbH, National Instruments, Opal-RT Technologies, Typhoon HIL, Speedgoat

GmbH and Modeling Tech, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Power Electronics Hardware-in-the-Loop 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 Power Electronics Hardware-in-the-Loop Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Power Electronics Hardware-in-the-Loop Market Segment Percentages, by Type, 2021 (%)

Closed Loop HIL

Open Loop HIL

Global Power Electronics Hardware-in-the-Loop Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Power Electronics Hardware-in-the-Loop Market Segment Percentages, by Application, 2021 (%)

Supergrid and Microgrid

Solar Inverter

Wind Inverter

Other

Global Power Electronics Hardware-in-the-Loop Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Power Electronics Hardware-in-the-Loop 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 Power Electronics Hardware-in-the-Loop revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies Power Electronics Hardware-in-the-Loop revenues share in global market, 2021 (%)

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

DSPACE GmbH

National Instruments

Opal-RT Technologies

Typhoon HIL

Speedgoat GmbH

Modeling Tech

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