



## Persistence Market Research



# Intelligent Power Switches Market: Global Industry Analysis and Forecast 2015 - 2021



[Persistence Market Research](#) Released New Market Report on “**Intelligent Power Switches Market: Global Industry Analysis and Forecast 2015 - 2021**”.

Intelligent power switches are also called as smart power switches because of its advanced functionality. Intelligent power switches are used for high side and low side configurations and are designed for handling normal overload conditions in addition to several extraordinary conditions. Intelligent power switches find their application in automotive, industrial and commercial sectors.

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In Intelligent power switches, a control section and power stage are integrated on the same chip. The control section includes drivers, logic interface, protection and diagnostic features. Intelligent Power Switches provides benefits such as cost effectiveness, compactness increased system reliability and over temperature protection.

On the basis of type, the intelligent power switches market can be segmented as high side switches and low side switches. High-side switches are used to drive capacitive, inductive and resistive loads and provide protection against over temperature, short circuit and overload. High-side switches are used in all kinds of industrial as well as automotive applications. Low side switches are used to drive resistive and inductive loads and it provide protection against over current, over/under voltage and over temperature. Low side power switches are used in automotive, industrial and commercial applications.

Intelligent power switches market can also be segmented on the basis of the application. This includes automotive, industrial, commercial and construction application. Intelligent power switches are used in a various automotive electrical systems such as the solenoid and valve driver, in safety features such as window lifters, windshield wipers and power seats. In Industrial applications, intelligent power switches are used where intelligent protection and gate drivers provide component and space saving such as vending machines and traffic signs. Intelligent power switches also find their application in hydraulic valve control, safety relay replacement, flap driver of construction, commercial and agriculture vehicles.

The global intelligent power switches market is expected to witness robust growth through 2025 due to rising demand of intelligent power switches in automotive and industrial application across a globe. Region wise the global intelligent power switches market is classified into North America, Latin America, Western Europe, Eastern Europe, Asia pacific, Japan, and the Middle East and Africa (MEA). China is

leading the [intelligent power switches market](#) in terms of manufacturing. Increasing use of intelligent power switches into automotive and industrial applications is expected to drive the growth of intelligent power switches market throughout the forecast period. Benefits of intelligent power switch such compactness, high reliability and cost effectiveness further expected to drive the market growth.

The key international players operating in intelligent power switches market includes RICOH Electronic Devices Co., Ltd., International Rectifier, STMicroelectronics, Infineon Technologies AG, Freescale Semiconductor, Inc., Texas Instruments Incorporated., ROHM Semiconductor, Fuji Electric Co. LTD., and SCHUKAT electronic etc.

**Key geographies evaluated in this report are:**

- North America
  - U.S
  - Canada
- Europe
  - France, Germany, Italy, Spain, and the UK
  - Eastern Europe
  - CIS
- APAC
  - China
  - India
  - Japan
  - Australia
  - Others
- Latin America
  - Argentina
  - Brazil

- Others

#### **Key features of this report**

- Drivers, restraints, and challenges shaping the Intelligent Power Switches market dynamics
- Latest innovations and key events in the industry
- Analysis of business strategies of the top players
- Intelligent Power Switches market estimates and forecasts(2015 -2021)

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#### **Key points covered in the report:-**

1. Report segments the market on the basis of types, application, products, technology, etc (as applicable)
2. The report covers geographic segmentation
  - North America
  - Europe
  - Asia
  - RoW
3. The report provides the market size and forecast for the different segments and geographies for the period of 2010 to 2020
4. The report provides company profiles of some of the leading companies operating in the market
5. The report also provides porters five forces analysis of the market.

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Persistence Market Research (PMR) is a full-service market intelligence firm specializing in syndicated research, custom research, and consulting services. PMR boasts market research expertise across the Healthcare, Chemicals and Materials, Technology and Media, Energy and Mining, Food and Beverages, Semiconductor and Electronics, Consumer Goods, and Shipping and Transportation industries. The company draws from its multi-disciplinary capabilities and high-pedigree team of analysts to share data that precisely corresponds to clients' business needs.

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