

# 2018-2023 Global Power Electronics for Electric Vehicles 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 Power Electronics for Electric Vehicles market for 2018-2023.

To control the flow of energy, the switching electronic circuits are used. These switching electronic circuits are called power electronics. Power electronics are also considered for the conversion of electric power. Such conversions are performed by semiconductor devices like diodes, transistors and thyristors etc. Power electronics devices have several advantages including optimum forward and reverse backing capabilities, simplified circuits, compact designs etc. Moreover, power electronics find its applications in connection of renewable energy resources to power grids, transportation in electric trains, motor drives and lighting. The major use of power electronics devices is heat sinking as well as soft starting of equipment deploying power electronic devices. This report only covers electric vehicles segment.

The Power Electronics for Electric Vehicles industry is relatively concentrated, and highend products mainly come from Europe and Japan.

The global Revenue of Power Electronics for Electric Vehicles is about 3900 M USD, the biggest production regions is in Europe, China is the largest production growth rate region; The largest consumption region is also the Europe, China has largest consumption growth rate.

From the initial, the R & D costs is very high, so the gross margin is minus, in a very long period of time, they are in a loss of state, the price is very high than the similar performance, the average price depends on the product type structure;

Over the next five years, LPI(LP Information) projects that Power Electronics for Electric



Vehicles will register a 5.4% CAGR in terms of revenue, reach US\$ 5650 million by 2023, from US\$ 4110 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Power Electronics for Electric Vehicles 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:		
Power IC		
Power Module		
Power Discrete		
Segmentation by application:		
HEV		
EV		
PHEV		
This report also splits the market by region:		
Americas		
United States		
Canada		
Mexico		

Brazil

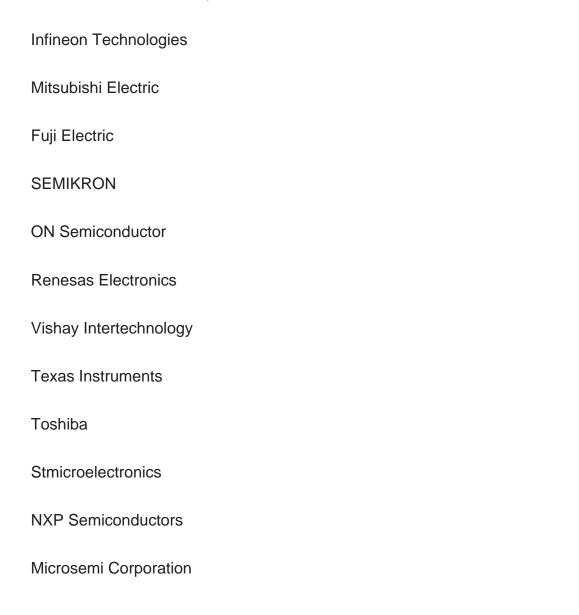


APAC		
	China	
	Japan	
	Korea	
	Southeast Asia	
	India	
	Australia	
Europ	oe e	
	Germany	
	France	
	UK	
	Italy	
	Russia	
	Spain	
Middle East & Africa		
	Egypt	
	South Africa	
	Israel	
	Turkey	



### **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:



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 Power Electronics for Electric Vehicles 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 Power Electronics for Electric Vehicles market by identifying its various subsegments.

Focuses on the key global Power Electronics for Electric Vehicles 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 Power Electronics for Electric Vehicles 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 Power Electronics for Electric Vehicles 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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