

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) On-board Charger Market 2018, Forecast to 2023

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Abstracts

A battery charger, or recharger, is a device used to put energy into a secondary cell or rechargeable battery by forcing an electric current through it. Compared with off-board chargers, on-board chargers supplies lower power.

SCOPE OF THE REPORT:

This report focuses on the On-board Charger in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Most battery and plug-in hybrid electric vehicle (PHEV) manufacturers in Europe and the US have been adopting onboard chargers with a power output between 3 to 3.7 kilowatts (kW). Now, EV manufacturers are moving towards onboard chargers with a power output greater than 6.6 kW to reduce charging time.

While high-end PHEVs are contributing to this trend, lower-end models in this segment are still using 3.7 kW onboard chargers. Onboard chargers with power ratings between 3 to 3.7 kW are expected to remain dominant, accounting for 63% of sales even in 2022.

More than 15 major companies supply onboard chargers globally, with BYD, Lear Corporation and Panasonic in key positions as suppliers for BYD, Chevrolet Volt and Nissan Leaf. By way of high-volume manufacturing and strategic partnerships, onboard charger suppliers in Europe and the US will be able to lower the price of their products.

The worldwide market for On-board Charger is expected to grow at a CAGR of roughly 23.0% over the next five years, will reach 2620 million US\$ in 2023, from 760 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

BYD

Nichicon

Tesla

Infineon

Panasonic

Delphi

LG

Lear

Dilong Technology

Kongsberg

Kenergy

Wanma

IES

Anghua

Lester

Tonhe Technology

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Lower than 3.0 kilowatts

3.0 - 3.7 kilowatts

Higher than 3.7 kilowatts

Market Segment by Applications, can be divided into

PHEV

EV

There are 15 Chapters to deeply display the global On-board Charger market.

Chapter 1, to describe On-board Charger Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of On-board Charger, with sales, revenue, and price of On-board Charger, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of On-board Charger, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, On-board Charger market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe On-board Charger sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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