

2018-2023 Global On-board Charger 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 On-board Charger market for 2018-2023. 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.

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.

Over the next five years, LPI(LP Information) projects that On-board Charger will register a 23.0% CAGR in terms of revenue, reach US\$ 2620 million by 2023, from US\$ 760 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of On-board Charger 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:

Lower than 3.0 kilowatts

3.0 - 3.7 kilowatts

Higher than 3.7 kilowatts

Segmentation by application:

PHEV

EV

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:

BYD

Nichicon

Tesla

Infineon

Panasonic

Delphi

LG

Lear

Dilong Technology

Kongsberg

Kenergy

Wanma

IES

Anghua

Lester

Tonhe Technology

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 On-board Charger 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 On-board Charger market by identifying its various subsegments.

Focuses on the key global On-board Charger 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 On-board Charger 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 On-board Charger 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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