

# 2018-2023 Global MCHP Market Report (Status and Outlook)

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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 studies the present scenario (with the base year being 2017) and the growth prospects of global MCHP market for 2018-2023.

Micro combined heat and power or mCHP is an extension of the idea of cogeneration to the single/multi family home or small office building in the range of up to 50 kW. Local generation has the potential for a higher efficiency than traditional grid-level generators since it lacks the 8-10% energy losses from transporting electricity over long distances. It also lacks the 10–15% energy losses from heat transfer in district heating networks due to the difference between the thermal energy carrier (hot water) and the colder external environment. The most common systems use natural gas as their primary energy source and emit carbon dioxide.

A micro-CHP system usually contains a small fuel cell or a heat engine as a prime mover used to rotate a generator which provides electric power, while simultaneously utilizing the waste heat from the prime mover for an individual building's heating, ventilation, and air conditioning. A micro-CHP generator may primarily follow heat demand, delivering electricity as the by-product, or may follow electrical demand to generate electricity and use heat as the by-product.

Over the next five years, LPI(LP Information) projects that MCHP will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares and growth opportunities of MCHP market by product type, application, key companies and key regions.

To calculate the market size, LP Information considers value generated from the sales of the following segments:

Segmentation by product type:

Engine Based

Fuel-Cell Based

Segmentation by application:

Commercial

Residential

We can also provide the customized separate regional or country-level reports, for the following regions:

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 players in the market. The key players covered in this report:

Honda Power

Vaillant

Yanmar

Ceres Power

Qnergy

Aisin

BDR Thermea

Centrica

Mondragon

Viessmann

Dantherm Power

Nucusa Energy

Solid Power

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key players 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 MCHP market size by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of MCHP market by identifying its various subsegments.

Focuses on the key global MCHP players, to define, describe and analyze the

value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the MCHP 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 size of MCHP 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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