

Global DC Chargers Market Size study, by Power Output (Less Than 10 kW, 10 Kw to 100 kW, Greater Than 100 kW), by End-Use (Automotive, Consumer Electronics and Industrial), and Regional Forecasts 2021-2027

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Abstracts

Global DC chargers market is valued approximately at USD 67.40 billion in 2020 and is anticipated to grow with a healthy growth rate of about 13.2% over the forecast period 2021-2027. DC chargers refer to the chargers that generates DC power output. DC batteries use DC power to charge electronics devices battery, along with industrial and automotive applications. These devices convert input signals to output DC signals and in DC circuits unidirectional current flow takes place. The global DC chargers market is being driven by increasing demand for consumer electronics and increase in sales of electric vehicles. Furthermore, continuous need of DC chargers in industrial applications will provide new opportunities for the global DC chargers industry. According to Statista, electric vehicle fleet across the globe is expected to increase from 8.5 million units in 2020 to approximately 115 million vehicles by 2030. Such growth in the electric vehicle fleet is expected to increase the demand for DC chargers as the use of DC charging facilitates faster charging in electric vehicles. This is likely to fuel the market growth by increasing the adoption of DC chargers. However, high cost of DC chargers may impede market growth over the forecast period of 2021-2027.

The regional analysis of the global DC chargers is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America accounts for the largest share in terms of market revenue in the global market. Factors such as presence of key market players across the region, technological developments coupled with product launches by the market giants, growth in the demand for consumer electronic devices and wearable devices across the countries

such as the United States and Canada, etc. majorly contributes towards the largest market revenue share of North America in the DC chargers market. Asia Pacific is anticipated to exhibit the highest growth rate over the forecast period 2021-2027. Factors such as increasing demand for electric vehicles, charging station installations, etc. across developing countries such as China and India majorly contribute towards the fastest growth rate of Asia Pacific during the forecast years.

Major market player included in this report are:

ABB Ltd.

AEG Power Solutions (3W Power S.A.)

Borri S.P.A (Legrand Group)

Delta Electronics, Inc.

Helios Power Solutions Group

Hitachi Hi-Rel Power Electronics Private Ltd. (Hitachi, Ltd.)

Kirloskar Electric Company Ltd.

Phihong Technology Co., Ltd.

Siemens AG

Statron Ltd.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Power Output:

Less Than 10 kW

10 Kw To 100 kW

Greater Than 100 kW

By End-Use:

Automotive

Consumer Electronics

Industrial

By Region:

North America

U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027.

Target Audience of the Global DC Chargers Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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