

North America Electric Vehicle Charging Infrastructure Market 2021-2031 by Component (Hardware, Service), Connector (CHAdemo, CCS, Others), Charger Type (Slow, Fast), Charging Mode (AC, DC, Wireless), Charging Voltage (Level 1-3), Location (Commercial, Residential), Vehicle Type (Passenger Cars, Commercial Vehicles), Application (Private, Public), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/N11A473E785BEN.html>

Date: July 2022

Pages: 118

Price: US\$ 2,465.00 (Single User License)

ID: N11A473E785BEN

Abstracts

North America electric vehicle charging infrastructure market is projected to grow by 35.1% annually in the forecast period and reach \$38,617.0 million by 2031, driven by the increasing production and sales of electric vehicles and hybrid vehicles, rapid urbanization, growing concerns regarding negative impact of carbon footprint, rising initiatives and subsidies by government and environmental agencies, and the deployment of the 5G and artificial intelligence technologies.

Highlighted with 30 tables and 54 figures, this 118-page report “North America Electric Vehicle Charging Infrastructure Market 2021-2031 by Component (Hardware, Service), Connector (CHAdemo, CCS, Others), Charger Type (Slow, Fast), Charging Mode (AC, DC, Wireless), Charging Voltage (Level 1-3), Location (Commercial, Residential), Vehicle Type (Passenger Cars, Commercial Vehicles), Application (Private, Public), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America electric vehicle charging infrastructure market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources

with inputs derived from industry professionals across the value chain. The report is based on studies on 2018-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America electric vehicle charging infrastructure market in every aspect of the classification from perspectives of Component, Connector, Charger Type, Charging Mode, Charging Voltage, Location, Vehicle Type, Application, and Country.

Based on Component, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Hardware

Service

Based on Connector, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Charge De Move (CHAdeMO)

Combined Charging System (CCS)

Other Connectors

By Charger Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Slow Charger

Fast Charger

By Charging Mode, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

AC Charging

DC Charging

Wireless Charging

By Charging Voltage, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Level 1 (120 Volt)

Level 2 (208-240 Volt)

Level 3 (400-900 Volt)

By Location, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Commercial Use

Residential Use

By Vehicle Type, the global market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Passenger Cars

Commercial Vehicles

By Application, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Private Charging Stations

Public Charging Stations

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Connector, Charging Mode and Location over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

ABB Limited

Bp Chargemaster

BP Pulse

BTC Power

ChargePoint Inc.

ClipperCreek, Inc.

Eaton Corporation plc

Efacec

EV Solutions (Webasto)

Evbox (ENGIE)

Evgo (L.S. Power)

Leviton Manufacturing Co. Inc.

Qingdao Tgood Electric Co., Ltd.

Schneider Electric SE

SemaConnect Inc.

Siemens AG

Star Charge

Tesla Motors Inc.

The Newmotion BV (Shell)

The State Grid Corporation of China (SGCC)

Tritium Pty Ltd

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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BP Pulse

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ClipperCreek, Inc.

Eaton Corporation plc

Efacec

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