

The US EV Charging Station Market: Size, Trends & Forecasts (2018-2022)

<https://marketpublishers.com/r/U023534B60CEN.html>

Date: December 2017

Pages: 58

Price: US\$ 800.00 (Single User License)

ID: U023534B60CEN

Abstracts

Scope of the Report

The report entitled “The US EV Charging Station Market: Size, Trends & Forecasts (2018-2022)”, provides analysis of the US EV charging station, with detailed analysis of market size and growth, and segmentation of the industry. The analysis includes the market by value, by number of station/outlet, by type of network and by segmentation.

Moreover, the report also assesses the key opportunities in the market and outlines the factors that are and will be driving the growth of the industry. Growth of the overall US EV charging station market has also been forecasted for the years 2018-2022, taking into consideration the previous growth patterns, the growth drivers and the current and future trends.

Tesla Inc., CHAdeMO Association, ChargePoint Inc. and SemaConnect Inc. are some of the key players operating in the US EV charging station market, whose company profiling has been done in the report. In this segment of the report, business overview, financial overview and business strategies of the companies are provided.

Company Coverage

Tesla Inc.

CHAdeMO Association

ChargePoint Inc.

SemaConnect Inc.

Executive Summary

Electric vehicle (EV) is one of the newest technology in transportation industry which uses one or more electric motors for momentum, that are easily rechargeable. There are various types of electric vehicles which are available such as, airborne electric vehicles, seaborne electric vehicle, electrically powered spacecraft and most importantly ground vehicles which are sub-segmented into four categories namely, plug-in electric vehicle, hybrid electric vehicles, on- and off- road electric vehicles and, railborne electric vehicles.

In order to run such vehicles, proper facilities are required where continuous supply of electricity is available. These facilities are known as electric vehicle (EV) charging station. There are four major framework of EV charging stations: residential charging station, charging while parked (including public charging stations), fast charging at public charging stations and battery swaps or charges in under 15 minutes.

EV charging is done in three levels: Level 1, Level 2 and Level 3. These three standard levels are referred in Society of Automotive Engineers (SAE) terminology. Here, Level 1 utilizes an ordinary grounded 120V AC wall outlet whereas Level 2 uses 240 volt AC charging. Level 3 charger uses direct current rather than AC. EV charging stations comes with different connection cases and plug types. Connection cases are of three types, while there are four plug types (single-phase vehicle coupler, single- and three-phase vehicle coupler, single- and three-phase vehicle coupler equipped with safety shutters and fast charge coupler).

The US EV charging station market is expected to increase at high growth rates during the forecasted period (2018-2022). The US EV charging station market is supported by various growth drivers, such as growing petroleum price, increasing government support, increasing number of electric vehicles, etc. yet, the market faces certain challenges, such as, stringent approval rules for establishment, lack of awareness, etc. few new market trends are also provided such as, nickel ion battery as new alternative, etc.

Contents

1. EXECUTIVE SUMMARY

2. INTRODUCTION

2.1 Electric Vehicle: An Overview

- 2.1.1 Electric Vehicle (EV): Meaning
- 2.1.2 Properties of Electrical Vehicles
- 2.1.3 Types of Electrical Vehicles

2.2 Electric Vehicles Charging Station: An Overview

- 2.2.1 EV Charging Station: Definition
- 2.2.2 Major Framework of EV Charging Station
- 2.2.3 EV Charging Levels
- 2.2.4 EV Charging Station: Connection Cases and Plug Types
- 2.2.5 Perks of Charging Stations

3. MARKET SIZING

3.1 The US EV Charging Station Market: An Analysis

- 3.1.1 The US EV Charging Station Market by Value
- 3.1.2 The US EV Charging Market by Number of Outlets
- 3.1.3 The US EV Charging Station Market by Type
- 3.1.4 The US EV Charging Station Market by Segment
- 3.1.5 The US Public EV Charging Station Market by Segment
- 3.1.6 The US Private EV Charging Station Market by Segment
- 3.1.7 The US EV Charging Station Market by Location
- 3.1.8 California EV Charging Market by Number of Outlets
- 3.1.9 Leading States in the US EV Charging Stations & Outlets

4. MARKET DYNAMICS

4.1 Growth Drivers

- 4.1.1 Growing Petroleum Price
- 4.1.2 Increasing Government Support
- 4.1.3 Environmental Friendly
- 4.1.4 Increasing Demand from Millennial Population
- 4.1.5 Growing Variety of EV Models
- 4.1.6 Increasing Number of Electric Vehicles

- 4.1.7 Growing Household Income
- 4.2 Challenges
 - 4.2.1 Stringent Approval Rules for Establishment
 - 4.2.2 Lack of Awareness
- 4.3 Market Trends
 - 4.3.1 Nickel Ion Battery as New Alternative
 - 4.3.2 Increased Engineering Investments

5. COMPETITIVE LANDSCAPE

- 5.1 The US EV Charging Station Market by Players
 - 5.1.1 The US EV Charging Station Market Players by Share
 - 5.1.2 The US EV Charging Station Market by Player Outlets
 - 5.1.3 The US EV Charging Station Market by Competitive Landscape

6. COMPANY PROFILING

- 6.1 Tesla Inc.
 - 6.1.1 Business Overview
 - 6.1.2 Financial Overview
 - 6.1.3 Business Strategy
- 6.2 CHAdeMO Association
 - 6.2.1 Business Overview
 - 6.2.2 Business Strategy
- 6.3 ChargePoint Inc.
 - 6.3.1 Business Overview
 - 6.3.2 Business Strategy
- 6.4 SemaConnect Inc.
 - 6.4.1 Business Overview
 - 6.4.2 Business Strategy

List Of Figures

LIST OF FIGURES

- Figure 1: Properties of Electrical Vehicles
- Figure 2: Types of Electrical Vehicles
- Figure 3: EV Charging Levels
- Figure 4: Perks of Charging Stations
- Figure 5: The US EV Charging Station Market by Value; 2012-2017 (US\$ Million)
- Figure 6: The US EV Charging Station Market by Value; 2018-2022 (US\$ Million)
- Figure 7: The US EV Charging Market by Number of Outlets; 2012-2017 (Units)
- Figure 8: The US EV Charging Market by Number of Outlets; 2018-2022 (Units)
- Figure 9: The US EV Charging Station Market by Type; 2017 (Percentage, %)
- Figure 10: The US EV Charging Station Market by Segment; 2017 (Percentage, %)
- Figure 11: The US Public EV Charging Station Market by Segment; 2017 (Units)
- Figure 12: The US Private EV Charging Station Market by Segment; 2017 (Units)
- Figure 13: The US EV Charging Station Market by Location; 2017 (Percentage, %)
- Figure 14: California EV Charging Market by Number Outlets; 2012-2017 (Units)
- Figure 15: California EV Charging Market by Number of Outlets; 2018-2022 (Units)
- Figure 16: Leading States in the US EV Charging Stations ; 2017
- Figure 17: Leading States in the US EV Charging Outlets; 2017
- Figure 18: Gasoline Price in The US; 2012-2017(US\$ Per Gallon)
- Figure 19: Total EV's Sales in The US; 2014-2016
- Figure 20: The US GNI Per Capita; 2010-2016 (US\$)
- Figure 21: Nickel Demand from Top Producer; 2015-2030 (Kilo Tonne)
- Figure 22: The US EV Charging Station Market Players by Share; 2017 (Percentage, %)
- Figure 23: The US EV Charging Station Market by Player Outlets; 2017
- Figure 24: Tesla Inc. Revenue; 2012-2016 (US\$ Billion)
- Figure 25: Tesla Inc. Revenue by Segment; 2016 (Percentage, %)
- Figure 26: Tesla Inc. Revenue by Region; 2016 (Percentage, %)

List Of Tables

LIST OF TABLES

Table 1: The US EV Charging Station Market by Competitive Landscape; 2017

I would like to order

Product name: The US EV Charging Station Market: Size, Trends & Forecasts (2018-2022)

Product link: <https://marketpublishers.com/r/U023534B60CEN.html>

Price: US\$ 800.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U023534B60CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970