Electric Vehicle Battery Charger Market Research Report - Global Forecast till 2025

Report / Search Code: MRFR/AM/6465-HCRR  Publish Date: May, 2019

Price

<table>
<thead>
<tr>
<th></th>
<th>1-user PDF</th>
<th>Enterprise PDF</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$ 4450.0</td>
<td>$ 6250.0</td>
</tr>
</tbody>
</table>

Description:

Global Electric Vehicle Battery Charger Market Research Report: Information by Electric Vehicle Type (Battery Electric Vehicle and Plug-In Hybrid Electric Vehicle), Level of Charging (Level 1, Level 2 and Level 3), Application (Private and Public) and by Region (North America, Europe, Asia-Pacific and the Rest of the World) - Forecast till 2025

Market Synopsis

The electric vehicle battery charger is a device to transfer electricity from the electric grid and distribute electricity to charge electric vehicles, such as battery electric vehicle, plug-in hybrid electric vehicles. The various types of vehicle battery chargers developed and manufactured by the electric vehicle battery charger industry to convert AC to DC and to control battery charging are segmented by the level of charging as level 1, level 2, and level 3. The electric vehicle battery charger market is dependent on the mass adoption of electric vehicles (EVs). There are different types of chargers used to charge an EV, including AC, DC, and inductive charges to suit the applications of home chargers, commercial/public charging, and workplace charging. Additionally, electric vehicle battery charger manufacturing companies are developing advanced versions of portable battery chargers and automatic electric battery chargers to improve the charging process and shut off the charging process once the battery attains full charge. This would eliminate damage by battery overheating due to excess charging. The global electric vehicle battery charger market is expected to witness 14.3% CAGR during the forecast period, 2019–2025.

Furthermore, an increase in demand for electric vehicles, strategic initiatives by major players, government initiatives to increase the sale of electric vehicle and related infrastructure are the factors expected to boost the demand for vehicle battery chargers during the forecast period. However, the electric vehicle battery charger market size may be hindered by the high price of electric cars, underdeveloped support infrastructure, range anxiety, and lack of awareness regarding the electric vehicles.

The increase in demand for electric vehicles is expected to raise the demand for electric vehicle chargers during the forecast period. The electric vehicle sale and development of charging infrastructure is at a primary stage in most countries. However, governments across the world focus on developing charging stations to boost the adoption of electric vehicles. This is expected to positively affect the demand for electric vehicle charger demand through the forecast period.

Prominent Players

The Prominent Players in the global electric vehicle battery charger market are Delphi Automotive LLP (Ireland), Clore Automotive LLC (US), Robert Bosch GmbH (Germany), Current Ways Inc. (US), IES Synergy (France), Lear Corporation (US), Baccus Global LLC (US), Tesla (US), CTEK Holding AB (Sweden), Meta Systems S.P.A (Italy), LG Electronics (South Korea), Ficosa Internacional SA (Spain), and Schumacher Electric Corporation (US).

SEGMENTATION: GLOBAL ELECTRIC VEHICLE BATTERY CHARGER MARKET
The global electric vehicle battery charger market is segmented based on electric vehicle type, level of charging, application, and region. On the basis of electric vehicle type, the global market has been segmented into battery electric vehicle and plug-in hybrid electric vehicle. On the basis of level of charging, the global market has been segmented into level 1, level 2, and level 3. On the basis of application, the market has been segmented into public and private.

Geographically, the global electric vehicle battery charger market has been segmented into four major regions, which are North America, Europe, Asia-Pacific, and the Rest of the world. The electric vehicle battery charger market in Asia-Pacific is expected to dominate the global electric vehicle battery charger market through the forecast period, owing to the increasing government initiatives, stringent government policies, and affordable prices of electric vehicles and charging stations. The presence of China, which is the largest market for electric vehicles adds to the Asia-Pacific market growth. Furthermore, China has set ambitious targets for the development of electric vehicles. It aims to deploy approximately 5 million EVs on the road by 2020. Such factors are expected to create lucrative growth opportunities for the domestic electric vehicle battery charger market during the forecast period.

The Market Research Future report on the global electric vehicle battery charger market covers extensive primary research. This is accompanied by a detailed analysis of qualitative and quantitative aspects by various industry experts and key opinion leaders to gain deeper insights into the market and industry performance. The report gives a clear picture of the current market scenario, which includes the historical and forecasted market size, in terms of value and volume, technological advancement, macroeconomic, and governing factors of the market. The report provides comprehensive information about the strategies of the top companies in the industry, along with a broad study of the different market segments and regions.

Intended Audience:

- Electric Vehicle (EV) Manufacturers
- EV charger Manufacturers
- EV Battery Manufacturers
- EV Infrastructure Providers (Charging station manufacturers)
- Government Bodies

Contents:

1. Executive Summary
2. Scope of the Report
   2.1. Market Definition
   2.2. Scope of the Study
      2.2.1. Definition
      2.2.2. Research Objective
      2.2.3. Assumptions
      2.2.4. Limitations
   2.3. Research Process
      2.3.1. Primary Research
      2.3.2. Secondary Research
   2.4. Market Size Estimation
   2.5. Forecast Model
3. Market Landscape

3.1. Porter’s Five Forces Analysis
3.1.1. Threat of New Entrants
3.1.2. Bargaining Power of Buyers
3.1.3. Threat of Substitutes
3.1.4. Segment Rivalry
3.1.5. Bargaining Power of Buyers

3.2. Value Chain/Supply Chain Analysis

4. Market Dynamics

4.1. Introduction
4.2. Market Drivers
4.3. Market Restraints
4.4. Market Opportunities
4.5. Technology Trends

5. Global Electric Vehicle Battery Charger Market, by Electric Vehicle Type

5.1. Introduction
5.2. Battery Electric Vehicle
5.2.1. Market Estimates & Forecast, 2019–2025
5.2.2. Market Estimates & Forecast, by Region, 2019–2025
5.3. Plug-In Hybrid Electric Vehicle
5.3.1. Market Estimates & Forecast, 2019–2025
5.3.2. Market Estimates & Forecast, by Region, 2019–2025

6. Global Electric Vehicle Battery Charger Market, by Level of Charging

6.1. Introduction
6.2. Level 1
6.3. Level 2
6.4. Level 3

7. Global Electric Vehicle Battery Charger Market, by Application

7.1. Introduction
7.2. Private
7.3. Public
7.3.1. Market Estimates & Forecast, 2019–2025
7.3.2. Market Estimates & Forecast, by Region, 2019–2025

8. Global Electric Vehicle Battery Charger Market, by Region

8.1. Introduction
8.2. North America
8.2.2. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.2.3. Market Estimates & Forecast, by Level of Charging, 2019–2025
8.2.4. Market Estimates & Forecast, by Application, 2019–2025
8.2.5. US
8.2.5.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.2.5.2. Market Estimates & Forecast, by Level of Charging, 2019–2025
8.2.5.3. Market Estimates & Forecast, by Application, 2019–2025

8.2.6. Canada
8.2.6.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.2.6.3. Market Estimates & Forecast, by Application, 2019–2025

8.3. Europe
8.3.2. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.3.3. Market Estimates & Forecast, by Level of Charging, 2019–2025
8.3.4. Market Estimates & Forecast, by Application, 2019–2025

8.3.5. UK
8.3.5.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.3.5.2. Market Estimates & Forecast, by Level of Charging, 2019–2025
8.3.5.3. Market Estimates & Forecast, by Application, 2019–2025

8.3.6. Germany
8.3.6.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.3.6.3. Market Estimates & Forecast, by Application, 2019–2025

8.3.7. France
8.3.7.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.3.7.2. Market Estimates & Forecast, by Level of Charging, 2019–2025
8.3.7.3. Market Estimates & Forecast, by Application, 2019–2025

8.3.8. Italy
8.3.8.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.3.8.3. Market Estimates & Forecast, by Application, 2019–2025

8.3.9. Rest of Europe
8.3.9.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.3.9.3. Market Estimates & Forecast, by Application, 2019–2025

8.4. Asia-Pacific
8.4.2. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.4.3. Market Estimates & Forecast, by Level of Charging, 2019–2025

8.4.5. China
8.4.5.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.4.5.2. Market Estimates & Forecast, by Level of Charging, 2019–2025
8.4.5.3. Market Estimates & Forecast, by Application, 2019–2025

8.4.6. Japan
8.4.6.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
8.4.6.3. Market Estimates & Forecast, by Application, 2019–2025

8.4.7. India
8.4.7.1. Market Estimates & Forecast, by Electric Vehicle Type, 2019–2025
10.11.5. Key Strategies
10.11.6. Swot Analysis
10.12. Tesla (US)
10.12.1. Company Overview
10.12.2. Products/Services Offered
10.12.3. Financial Overview
10.12.4. Key Developments
10.12.5. Key Strategies
10.12.6. Swot Analysis
10.13. Schumacher Electric Corporation (US)
10.13.1. Company Overview
10.13.2. Products/Services Offered
10.13.3. Financial Overview
10.13.4. Key Developments
10.13.5. Key Strategies
10.13.6. Swot Analysis

List of Tables
Table 1 Global Electric Vehicle Battery Charger Market, by Region, 2018–2025
Table 2 North America: Electric Vehicle Battery Charger Market, by Country, 2018–2025
Table 3 Europe: Electric Vehicle Battery Charger Market, by Country, 2018–2025
Table 4 Asia-Pacific: Electric Vehicle Battery Charger Market, by Country, 2018–2025
Table 5 RoW: Electric Vehicle Battery Charger Market, by Region, 2018–2025
Table 6 Global Electric Vehicle Battery Charger Market, by Electric Vehicle Type, by Region, 2018–2025
Table 7 North America: Electric Vehicle Battery Charger Market, by Electric Vehicle Type, by Country, 2018–2025
Table 8 Europe: Electric Vehicle Battery Charger Market, by Electric Vehicle Type, by Country, 2018–2025
Table 9 Asia-Pacific: Electric Vehicle Battery Charger Market, by Electric Vehicle Type, by Country, 2018–2025
Table 10 RoW: Electric Vehicle Battery Charger Market, by Electric Vehicle Type, by Region, 2018–2025
Table 11 Global Electric Vehicle Battery Charger Market, by Level of Charging, by Region, 2018–2025
Table 12 North America: Electric Vehicle Battery Charger Market, by Level of Charging, by Country, 2018–2025
Table 13 Europe: Electric Vehicle Battery Charger Market, by Level of Charging, by Country, 2018–2025
Table 14 Asia-Pacific: Electric Vehicle Battery Charger Market, by Level of Charging, by Country, 2018–2025
Table 15 RoW: Electric Vehicle Battery Charger Market, by Level of Charging, by Region, 2018–2025
Table 16 Global Electric Vehicle Battery Charger Market, by Application, by Region, 2018–2025
Table 17 North America: Electric Vehicle Battery Charger Market, by Application, by Country, 2018–2025
Table 18 Europe: Electric Vehicle Battery Charger Market, by Application, by Country, 2018–2025
Table 19 Asia-Pacific: Electric Vehicle Battery Charger Market, by Application, by Country, 2018–2025
Table 20 RoW: Electric Vehicle Battery Charger Market, by Application, by Region, 2018–2025
Table 21

List of Figures
Figure 1 Research Process of MRFR
Figure 2 Top-Down and Bottom-Up Approach
Figure 3 Market Dynamics
Figure 4 Impact Analysis: Market Drivers
Figure 5 Impact Analysis: Market Restraints
Figure 6 Porter's Five Forces Analysis
Figure 7 Value Chain Analysis
Figure 8 Global Electric Vehicle Battery Charger Market Share, by Electric Vehicle Type, 2018 (%)
Figure 9 Global Electric Vehicle Battery Charger Market, by Electric Vehicle Type, 2018–2025 (USD Million)
Figure 10 Global Electric Vehicle Battery Charger Market Share, by Level of Charging, 2018 (%)
Figure 11 Global Electric Vehicle Battery Charger Market, by Level of Charging, 2018–2025 (USD Million)
Figure 12 Global Electric Vehicle Battery Charger Market Share, by Application, 2018 (%)
Figure 13 Global Electric Vehicle Battery Charger Market, by Application, 2018–2025 (USD Million)
Figure 14
Figure 15 Global Electric Vehicle Battery Charger Market Share (%), by Region, 2018
Figure 16 Global Electric Vehicle Battery Charger Market, by Region, 2018–2025 (USD Million)
Figure 17 North America: Electric Vehicle Battery Charger Market Share (%), 2018
Figure 18 North America: Electric Vehicle Battery Charger Market, by Country, 2018–2025 (USD Million)
Figure 19 Europe: Electric Vehicle Battery Charger Market Share (%), 2018
Figure 20 Europe: Electric Vehicle Battery Charger Market, by Country, 2018–2025 (USD Million)
Figure 21 Asia-Pacific: Electric Vehicle Battery Charger Market Share (%), 2018
Figure 22 Asia-Pacific: Electric Vehicle Battery Charger Market, by Country, 2018–2025 (USD Million)
Figure 23 Rest of the World: Electric Vehicle Battery Charger Market Share (%), 2018
Figure 24 Rest of the World: Electric Vehicle Battery Charger Market, by Region, 2018–2025 (USD Million)