

# Global Electric Vehicle Wireless Charging Power Supply Rail Market Growth (Status and Outlook) 2023-2029

<https://marketpublishers.com/r/GA111F1C660AEN.html>

Date: February 2023

Pages: 75

Price: US\$ 3,660.00 (Single User License)

ID: GA111F1C660AEN

## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

The power supply rail transmits electric energy in the form of high-frequency alternating magnetic field to the electric power pickup mechanism of the vehicle receiving end running within a certain range on the ground, and then supplies power to the on-board energy storage equipment, so that the electric vehicle can be equipped with a small number of battery packs and extend its cruising range. , while the power supply becomes safer and more convenient. The main parameters of dynamic wireless power supply technology are power transmission distance, power, efficiency, coupling mechanism side shift adaptability, electromagnetic compatibility and so on.

According to this study, the global Electric Vehicle Wireless Charging Power Supply Rail market size will reach US\$ million by 2029.

This report presents a comprehensive overview, market shares, and growth opportunities of Electric Vehicle Wireless Charging Power Supply Rail market by product type, application, key players and key regions and countries.

Segmentation by product type:

Ground

Underground

Segmentation by Application:

Passenger Car

Light Truck

Heavy Commercial Vehicle

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

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:

WiTricity

Kangwen

Bombardier

Oak Ridge National Laboratory Needle

Maige Technology

Joyson Electronics

Yingtong Communication

Anjie Technology

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Electric Vehicle Wireless Charging Power Supply Rail Market Size 2024-2029
  - 2.1.2 Electric Vehicle Wireless Charging Power Supply Rail Market Size CAGR by Region
- 2.2 Electric Vehicle Wireless Charging Power Supply Rail Segment by Type
  - 2.2.1 Ground
  - 2.2.2 Underground
- 2.3 Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type
  - 2.3.1 Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Type (2024-2029)
  - 2.3.2 Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Growth Rate by Type (2024-2029)
- 2.4 Electric Vehicle Wireless Charging Power Supply Rail Segment by Application
  - 2.4.1 Passenger Car
  - 2.4.2 Light Truck
  - 2.4.3 Heavy Commercial Vehicle
- 2.5 Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application
  - 2.5.1 Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application (2024-2029)
  - 2.5.2 Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Growth Rate by Application (2024-2029)

### 3 ELECTRIC VEHICLE WIRELESS CHARGING POWER SUPPLY RAIL KEY PLAYERS

- 3.1 Date of Key Players Enter into Electric Vehicle Wireless Charging Power Supply Rail
- 3.2 Key Players Electric Vehicle Wireless Charging Power Supply Rail Product Offered
- 3.3 Key Players Electric Vehicle Wireless Charging Power Supply Rail Funding/Investment Analysis
- 3.4 Funding/Investment
  - 3.4.1 Funding/Investment by Regions
  - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players Electric Vehicle Wireless Charging Power Supply Rail Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

## **4 ELECTRIC VEHICLE WIRELESS CHARGING POWER SUPPLY RAIL BY REGIONS**

- 4.1 Electric Vehicle Wireless Charging Power Supply Rail Market Size by Regions (2024-2029)
- 4.2 United States Electric Vehicle Wireless Charging Power Supply Rail Market Size Growth (2024-2029)
- 4.3 China Electric Vehicle Wireless Charging Power Supply Rail Market Size Growth (2024-2029)
- 4.4 Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size Growth (2024-2029)
- 4.5 Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size Growth (2024-2029)

## **5 UNITED STATES**

- 5.1 United States Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029)
- 5.2 United States Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029)

## **6 EUROPE**

6.1 Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029)

6.2 Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029)

## **7 CHINA**

7.1 China Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029)

7.2 China Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029)

## **8 REST OF WORLD**

8.1 Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029)

8.2 Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029)

8.3 Japan

8.4 South Korea

8.5 Southeast Asia

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 KEY INVESTORS IN ELECTRIC VEHICLE WIRELESS CHARGING POWER SUPPLY RAIL**

10.1 Company A

10.1.1 Company A Company Details

10.1.2 Company Description

10.1.3 Companies Invested by Company A

10.1.4 Company A Key Development and Market Layout

10.2 Company B

10.2.1 Company B Company Details

- 10.2.2 Company Description
- 10.2.3 Companies Invested by Company B
- 10.2.4 Company B Key Development and Market Layout
- 10.3 Company C
  - 10.3.1 Company C Company Details
  - 10.3.2 Company Description
  - 10.3.3 Companies Invested by Company C
  - 10.3.4 Company C Key Development and Market Layout
- 10.4 Company D
- 10.5 .....

## **11 KEY PLAYERS ANALYSIS**

- 11.1 WiTricity
  - 11.1.1 WiTricity Company Details
  - 11.1.2 WiTricity Electric Vehicle Wireless Charging Power Supply Rail Product Offered
  - 11.1.3 WiTricity Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)
  - 11.1.4 WiTricity Main Business Overview
  - 11.1.5 WiTricity News
- 11.2 Kangwen
  - 11.2.1 Kangwen Company Details
  - 11.2.2 Kangwen Electric Vehicle Wireless Charging Power Supply Rail Product Offered
  - 11.2.3 Kangwen Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)
  - 11.2.4 Kangwen Main Business Overview
  - 11.2.5 Kangwen News
- 11.3 Bombardier
  - 11.3.1 Bombardier Company Details
  - 11.3.2 Bombardier Electric Vehicle Wireless Charging Power Supply Rail Product Offered
  - 11.3.3 Bombardier Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)
  - 11.3.4 Bombardier Main Business Overview
  - 11.3.5 Bombardier News
- 11.4 Oak Ridge National Laboratory Needle
  - 11.4.1 Oak Ridge National Laboratory Needle Company Details
  - 11.4.2 Oak Ridge National Laboratory Needle Electric Vehicle Wireless Charging

## Power Supply Rail Product Offered

### 11.4.3 Oak Ridge National Laboratory Needle Electric Vehicle Wireless Charging

## Power Supply Rail Market Size (2023 VS 2029)

### 11.4.4 Oak Ridge National Laboratory Needle Main Business Overview

### 11.4.5 Oak Ridge National Laboratory Needle News

## 11.5 Maige Technology

### 11.5.1 Maige Technology Company Details

### 11.5.2 Maige Technology Electric Vehicle Wireless Charging Power Supply Rail

## Product Offered

### 11.5.3 Maige Technology Electric Vehicle Wireless Charging Power Supply Rail

## Market Size (2023 VS 2029)

### 11.5.4 Maige Technology Main Business Overview

### 11.5.5 Maige Technology News

## 11.6 Joyson Electronics

### 11.6.1 Joyson Electronics Company Details

### 11.6.2 Joyson Electronics Electric Vehicle Wireless Charging Power Supply Rail

## Product Offered

### 11.6.3 Joyson Electronics Electric Vehicle Wireless Charging Power Supply Rail

## Market Size (2023 VS 2029)

### 11.6.4 Joyson Electronics Main Business Overview

### 11.6.5 Joyson Electronics News

## 11.7 Yingtong Communication

### 11.7.1 Yingtong Communication Company Details

### 11.7.2 Yingtong Communication Electric Vehicle Wireless Charging Power Supply Rail

## Product Offered

### 11.7.3 Yingtong Communication Electric Vehicle Wireless Charging Power Supply Rail

## Market Size (2023 VS 2029)

### 11.7.4 Yingtong Communication Main Business Overview

### 11.7.5 Yingtong Communication News

## 11.8 Anjie Technology

### 11.8.1 Anjie Technology Company Details

### 11.8.2 Anjie Technology Electric Vehicle Wireless Charging Power Supply Rail

## Product Offered

### 11.8.3 Anjie Technology Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)

### 11.8.4 Anjie Technology Main Business Overview

### 11.8.5 Anjie Technology News

## 12 RESEARCH FINDINGS AND CONCLUSION

## List Of Tables

### LIST OF TABLES

Table 1. Electric Vehicle Wireless Charging Power Supply Rail Market Size CAGR by Region (2024-2029) (\$ Millions)

Table 2. Major Players of Ground

Table 3. Major Players of Underground

Table 4. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029) (\$ Millions)

Table 5. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Type (2024-2029)

Table 6. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029) (\$ Millions)

Table 7. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application (2024-2029)

Table 8. Date of Global Key Players Enter into Electric Vehicle Wireless Charging Power Supply Rail Market

Table 9. Global Key Players Electric Vehicle Wireless Charging Power Supply Rail Product Offered

Table 10. Key Players Electric Vehicle Wireless Charging Power Supply Rail Funding/Investment (\$ Millions)

Table 11. Funding/Investment by Regions

Table 12. Funding/Investment by End Industry

Table 13. Key Players Electric Vehicle Wireless Charging Power Supply Rail Valuation & Market Capitalization (\$ Millions)

Table 14. Key Players Mergers & Acquisitions, Expansion Plans

Table 15. Electric Vehicle Wireless Charging Power Supply Rail New Product/Technology Launches

Table 16. Electric Vehicle Wireless Charging Power Supply Rail Industry Partnerships, Agreements, and Collaborations

Table 17. Electric Vehicle Wireless Charging Power Supply Rail Industry Mergers and Acquisitions

Table 18. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size by Regions 2024-2029 (\$ Millions)

Table 19. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Regions 2024-2029

Table 20. United States Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029) (\$ Millions)

Table 21. United States Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Type (2024-2029)

Table 22. United States Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029) (\$ Millions)

Table 23. United States Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application (2024-2029)

Table 24. Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029) (\$ Millions)

Table 25. Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Type (2024-2029)

Table 26. Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029) (\$ Millions)

Table 27. Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application (2024-2029)

Table 28. China Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029) (\$ Millions)

Table 29. China Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Type (2024-2029)

Table 30. China Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029) (\$ Millions)

Table 31. China Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application (2024-2029)

Table 32. Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size by Type (2024-2029) (\$ Millions)

Table 33. Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Type (2024-2029)

Table 34. Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size by Application (2024-2029) (\$ Millions)

Table 35. Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application (2024-2029)

Table 36. Key Market Drivers & Growth Opportunities of Electric Vehicle Wireless Charging Power Supply Rail

Table 37. Key Market Challenges & Risks of Electric Vehicle Wireless Charging Power Supply Rail

Table 38. Key Industry Trends of Electric Vehicle Wireless Charging Power Supply Rail

Table 39. Company A Company Details

Table 40. Companies Invested by Company A

Table 41. Company A Key Development and Market Layout

Table 42. Company B Company Details

|                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|
| Table 43. Companies Invested by Company B                                                                                      |
| Table 44. Company B Key Development and Market Layout                                                                          |
| Table 45. Company C Company Details                                                                                            |
| Table 46. Companies Invested by Company C                                                                                      |
| Table 47. Company C Key Development and Market Layout                                                                          |
| Table 48. Company C Company Details                                                                                            |
| Table 49. Companies Invested by Company C                                                                                      |
| Table 50. Company C Key Development and Market Layout                                                                          |
| Table 51. WiTricity Basic Information, Head Office, Major Market Areas and Its Competitors                                     |
| Table 52. WiTricity Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)                            |
| Table 53. Kangwen Basic Information, Head Office, Major Market Areas and Its Competitors                                       |
| Table 54. Kangwen Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)                              |
| Table 55. Bombardier Basic Information, Head Office, Major Market Areas and Its Competitors                                    |
| Table 56. Bombardier Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)                           |
| Table 57. Oak Ridge National Laboratory Needle Basic Information, Head Office, Major Market Areas and Its Competitors          |
| Table 58. Oak Ridge National Laboratory Needle Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029) |
| Table 59. Maige Technology Basic Information, Head Office, Major Market Areas and Its Competitors                              |
| Table 60. Maige Technology Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)                     |
| Table 61. Joyson Electronics Basic Information, Head Office, Major Market Areas and Its Competitors                            |
| Table 62. Joyson Electronics Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)                   |
| Table 63. Yingtong Communication Basic Information, Head Office, Major Market Areas and Its Competitors                        |
| Table 64. Yingtong Communication Electric Vehicle Wireless Charging Power Supply Rail Market Size (2023 VS 2029)               |
| Table 65. Anjie Technology Basic Information, Head Office, Major Market Areas and Its Competitors                              |
| Table 66. Anjie Technology Electric Vehicle Wireless Charging Power Supply Rail                                                |

## Market Size (2023 VS 2029)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Electric Vehicle Wireless Charging Power Supply Rail
- Figure 2. Electric Vehicle Wireless Charging Power Supply Rail Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Growth Rate 2024-2029 (\$ Millions)
- Figure 7. Electric Vehicle Wireless Charging Power Supply Rail Market Size by Region (2023 & 2029) (\$ millions)
- Figure 8. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Type (2024-2029)
- Figure 9. Global Ground Market Size Growth Rate
- Figure 10. Global Underground Market Size Growth Rate
- Figure 11. Electric Vehicle Wireless Charging Power Supply Rail in Passenger Car
- Figure 12. Global Electric Vehicle Wireless Charging Power Supply Rail Market: Passenger Car (2024-2029) (\$ Millions)
- Figure 13. Electric Vehicle Wireless Charging Power Supply Rail in Light Truck
- Figure 14. Global Electric Vehicle Wireless Charging Power Supply Rail Market: Light Truck (2024-2029) (\$ Millions)
- Figure 15. Electric Vehicle Wireless Charging Power Supply Rail in Heavy Commercial Vehicle
- Figure 16. Global Electric Vehicle Wireless Charging Power Supply Rail Market: Heavy Commercial Vehicle (2024-2029) (\$ Millions)
- Figure 17. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application (2024-2029)
- Figure 18. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size in Passenger Car Growth Rate
- Figure 19. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size in Light Truck Growth Rate
- Figure 20. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size in Heavy Commercial Vehicle Growth Rate
- Figure 21. Funding/Investment
- Figure 22. Global Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Regions 2024-2029

Figure 23. United States Electric Vehicle Wireless Charging Power Supply Rail Market Size 2024-2029 (\$ Millions)

Figure 24. China Electric Vehicle Wireless Charging Power Supply Rail Market Size 2024-2029 (\$ Millions)

Figure 25. Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size 2024-2029 (\$ Millions)

Figure 26. Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size 2024-2029 (\$ Millions)

Figure 27. United States Electric Vehicle Wireless Charging Power Supply Rail Consumption Market Share by Type in 2029

Figure 28. United States Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application in 2029

Figure 29. China Electric Vehicle Wireless Charging Power Supply Rail Consumption Market Share by Type in 2029

Figure 30. China Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application in 2029

Figure 31. Europe Electric Vehicle Wireless Charging Power Supply Rail Consumption Market Share by Type in 2029

Figure 32. Europe Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application in 2029

Figure 33. Rest of World Electric Vehicle Wireless Charging Power Supply Rail Consumption Market Share by Type in 2029

Figure 34. Rest of World Electric Vehicle Wireless Charging Power Supply Rail Market Size Market Share by Application in 2029

## I would like to order

Product name: Global Electric Vehicle Wireless Charging Power Supply Rail Market Growth (Status and Outlook) 2023-2029

Product link: <https://marketpublishers.com/r/GA111F1C660AEN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA111F1C660AEN.html>