

Global Bidirectional EV Charging Systems Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Bidirectional EV Charging Systems market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Bidirectional EV (Electric Vehicle) charging systems are charging infrastructures that enable the flow of electricity in both directions between an electric vehicle and the power grid. Unlike traditional unidirectional charging systems, which only allow power to flow from the grid to the vehicle, bidirectional charging systems offer the ability to both charge the vehicle's battery and discharge energy back into the grid when needed. In a bidirectional EV charging system, the vehicle's onboard charger is equipped with additional hardware and software components that facilitate bidirectional power transfer. This allows the vehicle to act as a mobile energy storage unit, capable of supplying electricity to the grid during peak demand periods, grid stabilization, or supporting renewable energy integration.

This report studies the global Bidirectional EV Charging Systems production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bidirectional EV Charging Systems, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Bidirectional EV Charging Systems that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bidirectional EV Charging Systems total production and demand, 2018-2029, (K Units)

Global Bidirectional EV Charging Systems total production value, 2018-2029, (USD Million)

Global Bidirectional EV Charging Systems production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Bidirectional EV Charging Systems consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Bidirectional EV Charging Systems domestic production, consumption, key domestic manufacturers and share

Global Bidirectional EV Charging Systems production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Bidirectional EV Charging Systems production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Bidirectional EV Charging Systems production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Bidirectional EV Charging Systems market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Enphase Energy, ABB, Yocharge, Indra, Epic Power, BorgWarner, Delta Electronics, PHASE and Tsubaki, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Bidirectional EV Charging Systems market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Bidirectional EV Charging Systems Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Bidirectional EV Charging Systems Market, Segmentation by Type

Grid-connected System

Off-grid System

Global Bidirectional EV Charging Systems Market, Segmentation by Application

V2G

V2H

Others

Companies Profiled:

Enphase Energy

ABB

Yocharge

Indra

Epic Power

BorgWarner

Delta Electronics

PHASE

Tsubaki

Key Questions Answered

1. How big is the global Bidirectional EV Charging Systems market?
2. What is the demand of the global Bidirectional EV Charging Systems market?
3. What is the year over year growth of the global Bidirectional EV Charging Systems market?
4. What is the production and production value of the global Bidirectional EV Charging Systems market?
5. Who are the key producers in the global Bidirectional EV Charging Systems market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Bidirectional EV Charging Systems Introduction
- 1.2 World Bidirectional EV Charging Systems Supply & Forecast
 - 1.2.1 World Bidirectional EV Charging Systems Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Bidirectional EV Charging Systems Production (2018-2029)
 - 1.2.3 World Bidirectional EV Charging Systems Pricing Trends (2018-2029)
- 1.3 World Bidirectional EV Charging Systems Production by Region (Based on Production Site)
 - 1.3.1 World Bidirectional EV Charging Systems Production Value by Region (2018-2029)
 - 1.3.2 World Bidirectional EV Charging Systems Production by Region (2018-2029)
 - 1.3.3 World Bidirectional EV Charging Systems Average Price by Region (2018-2029)
 - 1.3.4 North America Bidirectional EV Charging Systems Production (2018-2029)
 - 1.3.5 Europe Bidirectional EV Charging Systems Production (2018-2029)
 - 1.3.6 China Bidirectional EV Charging Systems Production (2018-2029)
 - 1.3.7 Japan Bidirectional EV Charging Systems Production (2018-2029)
 - 1.3.8 India Bidirectional EV Charging Systems Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Bidirectional EV Charging Systems Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Bidirectional EV Charging Systems Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Bidirectional EV Charging Systems Demand (2018-2029)
- 2.2 World Bidirectional EV Charging Systems Consumption by Region
 - 2.2.1 World Bidirectional EV Charging Systems Consumption by Region (2018-2023)
 - 2.2.2 World Bidirectional EV Charging Systems Consumption Forecast by Region (2024-2029)
- 2.3 United States Bidirectional EV Charging Systems Consumption (2018-2029)
- 2.4 China Bidirectional EV Charging Systems Consumption (2018-2029)
- 2.5 Europe Bidirectional EV Charging Systems Consumption (2018-2029)

- 2.6 Japan Bidirectional EV Charging Systems Consumption (2018-2029)
- 2.7 South Korea Bidirectional EV Charging Systems Consumption (2018-2029)
- 2.8 ASEAN Bidirectional EV Charging Systems Consumption (2018-2029)
- 2.9 India Bidirectional EV Charging Systems Consumption (2018-2029)

3 WORLD BIDIRECTIONAL EV CHARGING SYSTEMS MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Bidirectional EV Charging Systems Production Value by Manufacturer (2018-2023)
- 3.2 World Bidirectional EV Charging Systems Production by Manufacturer (2018-2023)
- 3.3 World Bidirectional EV Charging Systems Average Price by Manufacturer (2018-2023)
- 3.4 Bidirectional EV Charging Systems Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Bidirectional EV Charging Systems Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Bidirectional EV Charging Systems in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Bidirectional EV Charging Systems in 2022
- 3.6 Bidirectional EV Charging Systems Market: Overall Company Footprint Analysis
 - 3.6.1 Bidirectional EV Charging Systems Market: Region Footprint
 - 3.6.2 Bidirectional EV Charging Systems Market: Company Product Type Footprint
 - 3.6.3 Bidirectional EV Charging Systems Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Bidirectional EV Charging Systems Production Value Comparison
 - 4.1.1 United States VS China: Bidirectional EV Charging Systems Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Bidirectional EV Charging Systems Production Value

Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Bidirectional EV Charging Systems Production Comparison

4.2.1 United States VS China: Bidirectional EV Charging Systems Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Bidirectional EV Charging Systems Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Bidirectional EV Charging Systems Consumption Comparison

4.3.1 United States VS China: Bidirectional EV Charging Systems Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Bidirectional EV Charging Systems Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Bidirectional EV Charging Systems Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Bidirectional EV Charging Systems Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Bidirectional EV Charging Systems Production Value (2018-2023)

4.4.3 United States Based Manufacturers Bidirectional EV Charging Systems Production (2018-2023)

4.5 China Based Bidirectional EV Charging Systems Manufacturers and Market Share

4.5.1 China Based Bidirectional EV Charging Systems Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Bidirectional EV Charging Systems Production Value (2018-2023)

4.5.3 China Based Manufacturers Bidirectional EV Charging Systems Production (2018-2023)

4.6 Rest of World Based Bidirectional EV Charging Systems Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Bidirectional EV Charging Systems Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Bidirectional EV Charging Systems Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Bidirectional EV Charging Systems Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Bidirectional EV Charging Systems Market Size Overview by Type: 2018 VS

2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Grid-connected System

5.2.2 Off-grid System

5.3 Market Segment by Type

5.3.1 World Bidirectional EV Charging Systems Production by Type (2018-2029)

5.3.2 World Bidirectional EV Charging Systems Production Value by Type (2018-2029)

5.3.3 World Bidirectional EV Charging Systems Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Bidirectional EV Charging Systems Market Size Overview by Application:
2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 V2G

6.2.2 V2H

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Bidirectional EV Charging Systems Production by Application (2018-2029)

6.3.2 World Bidirectional EV Charging Systems Production Value by Application
(2018-2029)

6.3.3 World Bidirectional EV Charging Systems Average Price by Application
(2018-2029)

7 COMPANY PROFILES

7.1 Enphase Energy

7.1.1 Enphase Energy Details

7.1.2 Enphase Energy Major Business

7.1.3 Enphase Energy Bidirectional EV Charging Systems Product and Services

7.1.4 Enphase Energy Bidirectional EV Charging Systems Production, Price, Value,
Gross Margin and Market Share (2018-2023)

7.1.5 Enphase Energy Recent Developments/Updates

7.1.6 Enphase Energy Competitive Strengths & Weaknesses

7.2 ABB

7.2.1 ABB Details

7.2.2 ABB Major Business

7.2.3 ABB Bidirectional EV Charging Systems Product and Services

7.2.4 ABB Bidirectional EV Charging Systems Production, Price, Value, Gross Margin

and Market Share (2018-2023)

7.2.5 ABB Recent Developments/Updates

7.2.6 ABB Competitive Strengths & Weaknesses

7.3 Yocharge

7.3.1 Yocharge Details

7.3.2 Yocharge Major Business

7.3.3 Yocharge Bidirectional EV Charging Systems Product and Services

7.3.4 Yocharge Bidirectional EV Charging Systems Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Yocharge Recent Developments/Updates

7.3.6 Yocharge Competitive Strengths & Weaknesses

7.4 Indra

7.4.1 Indra Details

7.4.2 Indra Major Business

7.4.3 Indra Bidirectional EV Charging Systems Product and Services

7.4.4 Indra Bidirectional EV Charging Systems Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Indra Recent Developments/Updates

7.4.6 Indra Competitive Strengths & Weaknesses

7.5 Epic Power

7.5.1 Epic Power Details

7.5.2 Epic Power Major Business

7.5.3 Epic Power Bidirectional EV Charging Systems Product and Services

7.5.4 Epic Power Bidirectional EV Charging Systems Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.5.5 Epic Power Recent Developments/Updates

7.5.6 Epic Power Competitive Strengths & Weaknesses

7.6 BorgWarner

7.6.1 BorgWarner Details

7.6.2 BorgWarner Major Business

7.6.3 BorgWarner Bidirectional EV Charging Systems Product and Services

7.6.4 BorgWarner Bidirectional EV Charging Systems Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.6.5 BorgWarner Recent Developments/Updates

7.6.6 BorgWarner Competitive Strengths & Weaknesses

7.7 Delta Electronics

7.7.1 Delta Electronics Details

7.7.2 Delta Electronics Major Business

7.7.3 Delta Electronics Bidirectional EV Charging Systems Product and Services

7.7.4 Delta Electronics Bidirectional EV Charging Systems Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Delta Electronics Recent Developments/Updates

7.7.6 Delta Electronics Competitive Strengths & Weaknesses

7.8 PHASE

7.8.1 PHASE Details

7.8.2 PHASE Major Business

7.8.3 PHASE Bidirectional EV Charging Systems Product and Services

7.8.4 PHASE Bidirectional EV Charging Systems Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 PHASE Recent Developments/Updates

7.8.6 PHASE Competitive Strengths & Weaknesses

7.9 Tsubaki

7.9.1 Tsubaki Details

7.9.2 Tsubaki Major Business

7.9.3 Tsubaki Bidirectional EV Charging Systems Product and Services

7.9.4 Tsubaki Bidirectional EV Charging Systems Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Tsubaki Recent Developments/Updates

7.9.6 Tsubaki Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Bidirectional EV Charging Systems Industry Chain

8.2 Bidirectional EV Charging Systems Upstream Analysis

8.2.1 Bidirectional EV Charging Systems Core Raw Materials

8.2.2 Main Manufacturers of Bidirectional EV Charging Systems Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Bidirectional EV Charging Systems Production Mode

8.6 Bidirectional EV Charging Systems Procurement Model

8.7 Bidirectional EV Charging Systems Industry Sales Model and Sales Channels

8.7.1 Bidirectional EV Charging Systems Sales Model

8.7.2 Bidirectional EV Charging Systems Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Bidirectional EV Charging Systems Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Bidirectional EV Charging Systems Production Value by Region (2018-2023) & (USD Million)

Table 3. World Bidirectional EV Charging Systems Production Value by Region (2024-2029) & (USD Million)

Table 4. World Bidirectional EV Charging Systems Production Value Market Share by Region (2018-2023)

Table 5. World Bidirectional EV Charging Systems Production Value Market Share by Region (2024-2029)

Table 6. World Bidirectional EV Charging Systems Production by Region (2018-2023) & (K Units)

Table 7. World Bidirectional EV Charging Systems Production by Region (2024-2029) & (K Units)

Table 8. World Bidirectional EV Charging Systems Production Market Share by Region (2018-2023)

Table 9. World Bidirectional EV Charging Systems Production Market Share by Region (2024-2029)

Table 10. World Bidirectional EV Charging Systems Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Bidirectional EV Charging Systems Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Bidirectional EV Charging Systems Major Market Trends

Table 13. World Bidirectional EV Charging Systems Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Bidirectional EV Charging Systems Consumption by Region (2018-2023) & (K Units)

Table 15. World Bidirectional EV Charging Systems Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Bidirectional EV Charging Systems Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Bidirectional EV Charging Systems Producers in 2022

Table 18. World Bidirectional EV Charging Systems Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Bidirectional EV Charging Systems Producers in 2022

Table 20. World Bidirectional EV Charging Systems Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Bidirectional EV Charging Systems Company Evaluation Quadrant

Table 22. World Bidirectional EV Charging Systems Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Bidirectional EV Charging Systems Production Site of Key Manufacturer

Table 24. Bidirectional EV Charging Systems Market: Company Product Type Footprint

Table 25. Bidirectional EV Charging Systems Market: Company Product Application Footprint

Table 26. Bidirectional EV Charging Systems Competitive Factors

Table 27. Bidirectional EV Charging Systems New Entrant and Capacity Expansion Plans

Table 28. Bidirectional EV Charging Systems Mergers & Acquisitions Activity

Table 29. United States VS China Bidirectional EV Charging Systems Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Bidirectional EV Charging Systems Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Bidirectional EV Charging Systems Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Bidirectional EV Charging Systems Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Bidirectional EV Charging Systems Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Bidirectional EV Charging Systems Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Bidirectional EV Charging Systems Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Bidirectional EV Charging Systems Production Market Share (2018-2023)

Table 37. China Based Bidirectional EV Charging Systems Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Bidirectional EV Charging Systems Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Bidirectional EV Charging Systems Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Bidirectional EV Charging Systems Production

(2018-2023) & (K Units)

Table 41. China Based Manufacturers Bidirectional EV Charging Systems Production Market Share (2018-2023)

Table 42. Rest of World Based Bidirectional EV Charging Systems Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Bidirectional EV Charging Systems Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Bidirectional EV Charging Systems Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Bidirectional EV Charging Systems Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Bidirectional EV Charging Systems Production Market Share (2018-2023)

Table 47. World Bidirectional EV Charging Systems Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Bidirectional EV Charging Systems Production by Type (2018-2023) & (K Units)

Table 49. World Bidirectional EV Charging Systems Production by Type (2024-2029) & (K Units)

Table 50. World Bidirectional EV Charging Systems Production Value by Type (2018-2023) & (USD Million)

Table 51. World Bidirectional EV Charging Systems Production Value by Type (2024-2029) & (USD Million)

Table 52. World Bidirectional EV Charging Systems Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Bidirectional EV Charging Systems Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Bidirectional EV Charging Systems Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Bidirectional EV Charging Systems Production by Application (2018-2023) & (K Units)

Table 56. World Bidirectional EV Charging Systems Production by Application (2024-2029) & (K Units)

Table 57. World Bidirectional EV Charging Systems Production Value by Application (2018-2023) & (USD Million)

Table 58. World Bidirectional EV Charging Systems Production Value by Application (2024-2029) & (USD Million)

Table 59. World Bidirectional EV Charging Systems Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Bidirectional EV Charging Systems Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Enphase Energy Basic Information, Manufacturing Base and Competitors

Table 62. Enphase Energy Major Business

Table 63. Enphase Energy Bidirectional EV Charging Systems Product and Services

Table 64. Enphase Energy Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Enphase Energy Recent Developments/Updates

Table 66. Enphase Energy Competitive Strengths & Weaknesses

Table 67. ABB Basic Information, Manufacturing Base and Competitors

Table 68. ABB Major Business

Table 69. ABB Bidirectional EV Charging Systems Product and Services

Table 70. ABB Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. ABB Recent Developments/Updates

Table 72. ABB Competitive Strengths & Weaknesses

Table 73. Yocharge Basic Information, Manufacturing Base and Competitors

Table 74. Yocharge Major Business

Table 75. Yocharge Bidirectional EV Charging Systems Product and Services

Table 76. Yocharge Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Yocharge Recent Developments/Updates

Table 78. Yocharge Competitive Strengths & Weaknesses

Table 79. Indra Basic Information, Manufacturing Base and Competitors

Table 80. Indra Major Business

Table 81. Indra Bidirectional EV Charging Systems Product and Services

Table 82. Indra Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Indra Recent Developments/Updates

Table 84. Indra Competitive Strengths & Weaknesses

Table 85. Epic Power Basic Information, Manufacturing Base and Competitors

Table 86. Epic Power Major Business

Table 87. Epic Power Bidirectional EV Charging Systems Product and Services

Table 88. Epic Power Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 89. Epic Power Recent Developments/Updates

Table 90. Epic Power Competitive Strengths & Weaknesses

Table 91. BorgWarner Basic Information, Manufacturing Base and Competitors

Table 92. BorgWarner Major Business

Table 93. BorgWarner Bidirectional EV Charging Systems Product and Services

Table 94. BorgWarner Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 95. BorgWarner Recent Developments/Updates

Table 96. BorgWarner Competitive Strengths & Weaknesses

Table 97. Delta Electronics Basic Information, Manufacturing Base and Competitors

Table 98. Delta Electronics Major Business

Table 99. Delta Electronics Bidirectional EV Charging Systems Product and Services

Table 100. Delta Electronics Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 101. Delta Electronics Recent Developments/Updates

Table 102. Delta Electronics Competitive Strengths & Weaknesses

Table 103. PHASE Basic Information, Manufacturing Base and Competitors

Table 104. PHASE Major Business

Table 105. PHASE Bidirectional EV Charging Systems Product and Services

Table 106. PHASE Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 107. PHASE Recent Developments/Updates

Table 108. Tsubaki Basic Information, Manufacturing Base and Competitors

Table 109. Tsubaki Major Business

Table 110. Tsubaki Bidirectional EV Charging Systems Product and Services

Table 111. Tsubaki Bidirectional EV Charging Systems Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 112. Global Key Players of Bidirectional EV Charging Systems Upstream (Raw Materials)

Table 113. Bidirectional EV Charging Systems Typical Customers

Table 114. Bidirectional EV Charging Systems Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Bidirectional EV Charging Systems Picture

Figure 2. World Bidirectional EV Charging Systems Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Bidirectional EV Charging Systems Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Bidirectional EV Charging Systems Production (2018-2029) & (K Units)

Figure 5. World Bidirectional EV Charging Systems Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Bidirectional EV Charging Systems Production Value Market Share by Region (2018-2029)

Figure 7. World Bidirectional EV Charging Systems Production Market Share by Region (2018-2029)

Figure 8. North America Bidirectional EV Charging Systems Production (2018-2029) & (K Units)

Figure 9. Europe Bidirectional EV Charging Systems Production (2018-2029) & (K Units)

Figure 10. China Bidirectional EV Charging Systems Production (2018-2029) & (K Units)

Figure 11. Japan Bidirectional EV Charging Systems Production (2018-2029) & (K Units)

Figure 12. India Bidirectional EV Charging Systems Production (2018-2029) & (K Units)

Figure 13. Bidirectional EV Charging Systems Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 16. World Bidirectional EV Charging Systems Consumption Market Share by Region (2018-2029)

Figure 17. United States Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 18. China Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 19. Europe Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 20. Japan Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 21. South Korea Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 22. ASEAN Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 23. India Bidirectional EV Charging Systems Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of Bidirectional EV Charging Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for Bidirectional EV Charging Systems Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for Bidirectional EV Charging Systems Markets in 2022

Figure 27. United States VS China: Bidirectional EV Charging Systems Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Bidirectional EV Charging Systems Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Bidirectional EV Charging Systems Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Bidirectional EV Charging Systems Production Market Share 2022

Figure 31. China Based Manufacturers Bidirectional EV Charging Systems Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Bidirectional EV Charging Systems Production Market Share 2022

Figure 33. World Bidirectional EV Charging Systems Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Bidirectional EV Charging Systems Production Value Market Share by Type in 2022

Figure 35. Grid-connected System

Figure 36. Off-grid System

Figure 37. World Bidirectional EV Charging Systems Production Market Share by Type (2018-2029)

Figure 38. World Bidirectional EV Charging Systems Production Value Market Share by Type (2018-2029)

Figure 39. World Bidirectional EV Charging Systems Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Bidirectional EV Charging Systems Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Bidirectional EV Charging Systems Production Value Market Share by

Application in 2022

Figure 42. V2G

Figure 43. V2H

Figure 44. Others

Figure 45. World Bidirectional EV Charging Systems Production Market Share by Application (2018-2029)

Figure 46. World Bidirectional EV Charging Systems Production Value Market Share by Application (2018-2029)

Figure 47. World Bidirectional EV Charging Systems Average Price by Application (2018-2029) & (US\$/Unit)

Figure 48. Bidirectional EV Charging Systems Industry Chain

Figure 49. Bidirectional EV Charging Systems Procurement Model

Figure 50. Bidirectional EV Charging Systems Sales Model

Figure 51. Bidirectional EV Charging Systems Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

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