

Global N-type Double-sided PERT Battery Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global N-type Double-sided PERT Battery market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

N-type double-sided PERT cell is a passivated emitter back surface fully diffused cell, using N-type silicon as the substrate, which has the advantages of high minority carrier lifetime and no light-induced attenuation. Due to the use of boron-doped silicon substrates in conventional P-type batteries, boron-oxygen bonds are easily formed after long-term exposure to light, and electrons are captured in the matrix to form recombination centers, resulting in 3-4% power attenuation; while N-type double-sided PERT batteries use N-type silicon substrate, phosphorus-doped matrix makes the cell almost no light-induced attenuation.

This report studies the global N-type Double-sided PERT Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for N-type Double-sided PERT Battery, 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 N-type Double-sided PERT Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global N-type Double-sided PERT Battery total production and demand, 2018-2029, (K Units)

Global N-type Double-sided PERT Battery total production value, 2018-2029, (USD Million)

Global N-type Double-sided PERT Battery production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global N-type Double-sided PERT Battery consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: N-type Double-sided PERT Battery domestic production, consumption, key domestic manufacturers and share

Global N-type Double-sided PERT Battery production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global N-type Double-sided PERT Battery production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global N-type Double-sided PERT Battery production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global N-type Double-sided PERT Battery 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 Adani, LG, PVGS, Imec, Jolywood (Suzhou) Sunwatt Co., Ltd, Jiangsu Linyang Energy Co., Ltd, Yingli Green Energy Holding Company Limited, Trina Solar Co., Ltd and Shanghai Aero Auto Electromechanical, 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 N-type Double-sided PERT Battery 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 N-type Double-sided PERT Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global N-type Double-sided PERT Battery Market, Segmentation by Type

Double-sided Doping Technology

Double-sided Passivation Technology

Global N-type Double-sided PERT Battery Market, Segmentation by Application

Photovoltaic Power Station

Small Power Plant

Others

Companies Profiled:

Adani

LG

PVGS

Imec

Jolywood (Suzhou) Sunwatt Co., Ltd

Jiangsu Linyang Energy Co., Ltd

Yingli Green Energy Holding Company Limited

Trina Solar Co., Ltd

Shanghai Aero Auto Electromechanical

Key Questions Answered

1. How big is the global N-type Double-sided PERT Battery market?
2. What is the demand of the global N-type Double-sided PERT Battery market?
3. What is the year over year growth of the global N-type Double-sided PERT Battery market?
4. What is the production and production value of the global N-type Double-sided PERT Battery market?
5. Who are the key producers in the global N-type Double-sided PERT Battery market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 N-type Double-sided PERT Battery Introduction
- 1.2 World N-type Double-sided PERT Battery Supply & Forecast
 - 1.2.1 World N-type Double-sided PERT Battery Production Value (2018 & 2022 & 2029)
 - 1.2.2 World N-type Double-sided PERT Battery Production (2018-2029)
 - 1.2.3 World N-type Double-sided PERT Battery Pricing Trends (2018-2029)
- 1.3 World N-type Double-sided PERT Battery Production by Region (Based on Production Site)
 - 1.3.1 World N-type Double-sided PERT Battery Production Value by Region (2018-2029)
 - 1.3.2 World N-type Double-sided PERT Battery Production by Region (2018-2029)
 - 1.3.3 World N-type Double-sided PERT Battery Average Price by Region (2018-2029)
 - 1.3.4 North America N-type Double-sided PERT Battery Production (2018-2029)
 - 1.3.5 Europe N-type Double-sided PERT Battery Production (2018-2029)
 - 1.3.6 China N-type Double-sided PERT Battery Production (2018-2029)
 - 1.3.7 Japan N-type Double-sided PERT Battery Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 N-type Double-sided PERT Battery Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 N-type Double-sided PERT Battery 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 N-type Double-sided PERT Battery Demand (2018-2029)
- 2.2 World N-type Double-sided PERT Battery Consumption by Region
 - 2.2.1 World N-type Double-sided PERT Battery Consumption by Region (2018-2023)
 - 2.2.2 World N-type Double-sided PERT Battery Consumption Forecast by Region (2024-2029)
- 2.3 United States N-type Double-sided PERT Battery Consumption (2018-2029)
- 2.4 China N-type Double-sided PERT Battery Consumption (2018-2029)
- 2.5 Europe N-type Double-sided PERT Battery Consumption (2018-2029)
- 2.6 Japan N-type Double-sided PERT Battery Consumption (2018-2029)

- 2.7 South Korea N-type Double-sided PERT Battery Consumption (2018-2029)
- 2.8 ASEAN N-type Double-sided PERT Battery Consumption (2018-2029)
- 2.9 India N-type Double-sided PERT Battery Consumption (2018-2029)

3 WORLD N-TYPE DOUBLE-SIDED PERT BATTERY MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World N-type Double-sided PERT Battery Production Value by Manufacturer (2018-2023)
- 3.2 World N-type Double-sided PERT Battery Production by Manufacturer (2018-2023)
- 3.3 World N-type Double-sided PERT Battery Average Price by Manufacturer (2018-2023)
- 3.4 N-type Double-sided PERT Battery Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global N-type Double-sided PERT Battery Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for N-type Double-sided PERT Battery in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for N-type Double-sided PERT Battery in 2022
- 3.6 N-type Double-sided PERT Battery Market: Overall Company Footprint Analysis
 - 3.6.1 N-type Double-sided PERT Battery Market: Region Footprint
 - 3.6.2 N-type Double-sided PERT Battery Market: Company Product Type Footprint
 - 3.6.3 N-type Double-sided PERT Battery 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: N-type Double-sided PERT Battery Production Value Comparison
 - 4.1.1 United States VS China: N-type Double-sided PERT Battery Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: N-type Double-sided PERT Battery Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: N-type Double-sided PERT Battery Production Comparison

4.2.1 United States VS China: N-type Double-sided PERT Battery Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: N-type Double-sided PERT Battery Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: N-type Double-sided PERT Battery Consumption Comparison

4.3.1 United States VS China: N-type Double-sided PERT Battery Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: N-type Double-sided PERT Battery Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based N-type Double-sided PERT Battery Manufacturers and Market Share, 2018-2023

4.4.1 United States Based N-type Double-sided PERT Battery Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers N-type Double-sided PERT Battery Production Value (2018-2023)

4.4.3 United States Based Manufacturers N-type Double-sided PERT Battery Production (2018-2023)

4.5 China Based N-type Double-sided PERT Battery Manufacturers and Market Share

4.5.1 China Based N-type Double-sided PERT Battery Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers N-type Double-sided PERT Battery Production Value (2018-2023)

4.5.3 China Based Manufacturers N-type Double-sided PERT Battery Production (2018-2023)

4.6 Rest of World Based N-type Double-sided PERT Battery Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based N-type Double-sided PERT Battery Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers N-type Double-sided PERT Battery Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers N-type Double-sided PERT Battery Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World N-type Double-sided PERT Battery Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Double-sided Doping Technology

5.2.2 Double-sided Passivation Technology

5.3 Market Segment by Type

5.3.1 World N-type Double-sided PERT Battery Production by Type (2018-2029)

5.3.2 World N-type Double-sided PERT Battery Production Value by Type (2018-2029)

5.3.3 World N-type Double-sided PERT Battery Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World N-type Double-sided PERT Battery Market Size Overview by Application:
2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Photovoltaic Power Station

6.2.2 Small Power Plant

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World N-type Double-sided PERT Battery Production by Application (2018-2029)

6.3.2 World N-type Double-sided PERT Battery Production Value by Application
(2018-2029)

6.3.3 World N-type Double-sided PERT Battery Average Price by Application
(2018-2029)

7 COMPANY PROFILES

7.1 Adani

7.1.1 Adani Details

7.1.2 Adani Major Business

7.1.3 Adani N-type Double-sided PERT Battery Product and Services

7.1.4 Adani N-type Double-sided PERT Battery Production, Price, Value, Gross Margin
and Market Share (2018-2023)

7.1.5 Adani Recent Developments/Updates

7.1.6 Adani Competitive Strengths & Weaknesses

7.2 LG

7.2.1 LG Details

7.2.2 LG Major Business

7.2.3 LG N-type Double-sided PERT Battery Product and Services

7.2.4 LG N-type Double-sided PERT Battery Production, Price, Value, Gross Margin
and Market Share (2018-2023)

- 7.2.5 LG Recent Developments/Updates
- 7.2.6 LG Competitive Strengths & Weaknesses
- 7.3 PVGS
 - 7.3.1 PVGS Details
 - 7.3.2 PVGS Major Business
 - 7.3.3 PVGS N-type Double-sided PERT Battery Product and Services
 - 7.3.4 PVGS N-type Double-sided PERT Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 PVGS Recent Developments/Updates
 - 7.3.6 PVGS Competitive Strengths & Weaknesses
- 7.4 Imec
 - 7.4.1 Imec Details
 - 7.4.2 Imec Major Business
 - 7.4.3 Imec N-type Double-sided PERT Battery Product and Services
 - 7.4.4 Imec N-type Double-sided PERT Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Imec Recent Developments/Updates
 - 7.4.6 Imec Competitive Strengths & Weaknesses
- 7.5 Jolywood (Suzhou) Sunwatt Co., Ltd
 - 7.5.1 Jolywood (Suzhou) Sunwatt Co., Ltd Details
 - 7.5.2 Jolywood (Suzhou) Sunwatt Co., Ltd Major Business
 - 7.5.3 Jolywood (Suzhou) Sunwatt Co., Ltd N-type Double-sided PERT Battery Product and Services
 - 7.5.4 Jolywood (Suzhou) Sunwatt Co., Ltd N-type Double-sided PERT Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Jolywood (Suzhou) Sunwatt Co., Ltd Recent Developments/Updates
 - 7.5.6 Jolywood (Suzhou) Sunwatt Co., Ltd Competitive Strengths & Weaknesses
- 7.6 Jiangsu Linyang Energy Co., Ltd
 - 7.6.1 Jiangsu Linyang Energy Co., Ltd Details
 - 7.6.2 Jiangsu Linyang Energy Co., Ltd Major Business
 - 7.6.3 Jiangsu Linyang Energy Co., Ltd N-type Double-sided PERT Battery Product and Services
 - 7.6.4 Jiangsu Linyang Energy Co., Ltd N-type Double-sided PERT Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Jiangsu Linyang Energy Co., Ltd Recent Developments/Updates
 - 7.6.6 Jiangsu Linyang Energy Co., Ltd Competitive Strengths & Weaknesses
- 7.7 Yingli Green Energy Holding Company Limited
 - 7.7.1 Yingli Green Energy Holding Company Limited Details
 - 7.7.2 Yingli Green Energy Holding Company Limited Major Business

7.7.3 Yingli Green Energy Holding Company Limited N-type Double-sided PERT Battery Product and Services

7.7.4 Yingli Green Energy Holding Company Limited N-type Double-sided PERT Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 Yingli Green Energy Holding Company Limited Recent Developments/Updates

7.7.6 Yingli Green Energy Holding Company Limited Competitive Strengths & Weaknesses

7.8 Trina Solar Co., Ltd

7.8.1 Trina Solar Co., Ltd Details

7.8.2 Trina Solar Co., Ltd Major Business

7.8.3 Trina Solar Co., Ltd N-type Double-sided PERT Battery Product and Services

7.8.4 Trina Solar Co., Ltd N-type Double-sided PERT Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Trina Solar Co., Ltd Recent Developments/Updates

7.8.6 Trina Solar Co., Ltd Competitive Strengths & Weaknesses

7.9 Shanghai Aero Auto Electromechanical

7.9.1 Shanghai Aero Auto Electromechanical Details

7.9.2 Shanghai Aero Auto Electromechanical Major Business

7.9.3 Shanghai Aero Auto Electromechanical N-type Double-sided PERT Battery Product and Services

7.9.4 Shanghai Aero Auto Electromechanical N-type Double-sided PERT Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Shanghai Aero Auto Electromechanical Recent Developments/Updates

7.9.6 Shanghai Aero Auto Electromechanical Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 N-type Double-sided PERT Battery Industry Chain

8.2 N-type Double-sided PERT Battery Upstream Analysis

8.2.1 N-type Double-sided PERT Battery Core Raw Materials

8.2.2 Main Manufacturers of N-type Double-sided PERT Battery Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 N-type Double-sided PERT Battery Production Mode

8.6 N-type Double-sided PERT Battery Procurement Model

8.7 N-type Double-sided PERT Battery Industry Sales Model and Sales Channels

8.7.1 N-type Double-sided PERT Battery Sales Model

8.7.2 N-type Double-sided PERT Battery 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 N-type Double-sided PERT Battery Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World N-type Double-sided PERT Battery Production Value by Region (2018-2023) & (USD Million)

Table 3. World N-type Double-sided PERT Battery Production Value by Region (2024-2029) & (USD Million)

Table 4. World N-type Double-sided PERT Battery Production Value Market Share by Region (2018-2023)

Table 5. World N-type Double-sided PERT Battery Production Value Market Share by Region (2024-2029)

Table 6. World N-type Double-sided PERT Battery Production by Region (2018-2023) & (K Units)

Table 7. World N-type Double-sided PERT Battery Production by Region (2024-2029) & (K Units)

Table 8. World N-type Double-sided PERT Battery Production Market Share by Region (2018-2023)

Table 9. World N-type Double-sided PERT Battery Production Market Share by Region (2024-2029)

Table 10. World N-type Double-sided PERT Battery Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World N-type Double-sided PERT Battery Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. N-type Double-sided PERT Battery Major Market Trends

Table 13. World N-type Double-sided PERT Battery Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World N-type Double-sided PERT Battery Consumption by Region (2018-2023) & (K Units)

Table 15. World N-type Double-sided PERT Battery Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World N-type Double-sided PERT Battery Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key N-type Double-sided PERT Battery Producers in 2022

Table 18. World N-type Double-sided PERT Battery Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key N-type Double-sided PERT Battery Producers in 2022

Table 20. World N-type Double-sided PERT Battery Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global N-type Double-sided PERT Battery Company Evaluation Quadrant

Table 22. World N-type Double-sided PERT Battery Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and N-type Double-sided PERT Battery Production Site of Key Manufacturer

Table 24. N-type Double-sided PERT Battery Market: Company Product Type Footprint

Table 25. N-type Double-sided PERT Battery Market: Company Product Application Footprint

Table 26. N-type Double-sided PERT Battery Competitive Factors

Table 27. N-type Double-sided PERT Battery New Entrant and Capacity Expansion Plans

Table 28. N-type Double-sided PERT Battery Mergers & Acquisitions Activity

Table 29. United States VS China N-type Double-sided PERT Battery Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China N-type Double-sided PERT Battery Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China N-type Double-sided PERT Battery Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based N-type Double-sided PERT Battery Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers N-type Double-sided PERT Battery Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers N-type Double-sided PERT Battery Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers N-type Double-sided PERT Battery Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers N-type Double-sided PERT Battery Production Market Share (2018-2023)

Table 37. China Based N-type Double-sided PERT Battery Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers N-type Double-sided PERT Battery Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers N-type Double-sided PERT Battery Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers N-type Double-sided PERT Battery Production

(2018-2023) & (K Units)

Table 41. China Based Manufacturers N-type Double-sided PERT Battery Production Market Share (2018-2023)

Table 42. Rest of World Based N-type Double-sided PERT Battery Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers N-type Double-sided PERT Battery Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers N-type Double-sided PERT Battery Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers N-type Double-sided PERT Battery Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers N-type Double-sided PERT Battery Production Market Share (2018-2023)

Table 47. World N-type Double-sided PERT Battery Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World N-type Double-sided PERT Battery Production by Type (2018-2023) & (K Units)

Table 49. World N-type Double-sided PERT Battery Production by Type (2024-2029) & (K Units)

Table 50. World N-type Double-sided PERT Battery Production Value by Type (2018-2023) & (USD Million)

Table 51. World N-type Double-sided PERT Battery Production Value by Type (2024-2029) & (USD Million)

Table 52. World N-type Double-sided PERT Battery Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World N-type Double-sided PERT Battery Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World N-type Double-sided PERT Battery Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World N-type Double-sided PERT Battery Production by Application (2018-2023) & (K Units)

Table 56. World N-type Double-sided PERT Battery Production by Application (2024-2029) & (K Units)

Table 57. World N-type Double-sided PERT Battery Production Value by Application (2018-2023) & (USD Million)

Table 58. World N-type Double-sided PERT Battery Production Value by Application (2024-2029) & (USD Million)

Table 59. World N-type Double-sided PERT Battery Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World N-type Double-sided PERT Battery Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Adani Basic Information, Manufacturing Base and Competitors

Table 62. Adani Major Business

Table 63. Adani N-type Double-sided PERT Battery Product and Services

Table 64. Adani N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Adani Recent Developments/Updates

Table 66. Adani Competitive Strengths & Weaknesses

Table 67. LG Basic Information, Manufacturing Base and Competitors

Table 68. LG Major Business

Table 69. LG N-type Double-sided PERT Battery Product and Services

Table 70. LG N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. LG Recent Developments/Updates

Table 72. LG Competitive Strengths & Weaknesses

Table 73. PVGS Basic Information, Manufacturing Base and Competitors

Table 74. PVGS Major Business

Table 75. PVGS N-type Double-sided PERT Battery Product and Services

Table 76. PVGS N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. PVGS Recent Developments/Updates

Table 78. PVGS Competitive Strengths & Weaknesses

Table 79. Itec Basic Information, Manufacturing Base and Competitors

Table 80. Itec Major Business

Table 81. Itec N-type Double-sided PERT Battery Product and Services

Table 82. Itec N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Itec Recent Developments/Updates

Table 84. Itec Competitive Strengths & Weaknesses

Table 85. Jolywood (Suzhou) Sunwatt Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 86. Jolywood (Suzhou) Sunwatt Co., Ltd Major Business

Table 87. Jolywood (Suzhou) Sunwatt Co., Ltd N-type Double-sided PERT Battery Product and Services

Table 88. Jolywood (Suzhou) Sunwatt Co., Ltd N-type Double-sided PERT Battery

Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Jolywood (Suzhou) Sunwatt Co., Ltd Recent Developments/Updates

Table 90. Jolywood (Suzhou) Sunwatt Co., Ltd Competitive Strengths & Weaknesses

Table 91. Jiangsu Linyang Energy Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 92. Jiangsu Linyang Energy Co., Ltd Major Business

Table 93. Jiangsu Linyang Energy Co., Ltd N-type Double-sided PERT Battery Product and Services

Table 94. Jiangsu Linyang Energy Co., Ltd N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Jiangsu Linyang Energy Co., Ltd Recent Developments/Updates

Table 96. Jiangsu Linyang Energy Co., Ltd Competitive Strengths & Weaknesses

Table 97. Yingli Green Energy Holding Company Limited Basic Information, Manufacturing Base and Competitors

Table 98. Yingli Green Energy Holding Company Limited Major Business

Table 99. Yingli Green Energy Holding Company Limited N-type Double-sided PERT Battery Product and Services

Table 100. Yingli Green Energy Holding Company Limited N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. Yingli Green Energy Holding Company Limited Recent Developments/Updates

Table 102. Yingli Green Energy Holding Company Limited Competitive Strengths & Weaknesses

Table 103. Trina Solar Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 104. Trina Solar Co., Ltd Major Business

Table 105. Trina Solar Co., Ltd N-type Double-sided PERT Battery Product and Services

Table 106. Trina Solar Co., Ltd N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Trina Solar Co., Ltd Recent Developments/Updates

Table 108. Shanghai Aero Auto Electromechanical Basic Information, Manufacturing Base and Competitors

Table 109. Shanghai Aero Auto Electromechanical Major Business

Table 110. Shanghai Aero Auto Electromechanical N-type Double-sided PERT Battery Product and Services

Table 111. Shanghai Aero Auto Electromechanical N-type Double-sided PERT Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 112. Global Key Players of N-type Double-sided PERT Battery Upstream (Raw Materials)

Table 113. N-type Double-sided PERT Battery Typical Customers

Table 114. N-type Double-sided PERT Battery Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. N-type Double-sided PERT Battery Picture

Figure 2. World N-type Double-sided PERT Battery Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World N-type Double-sided PERT Battery Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World N-type Double-sided PERT Battery Production (2018-2029) & (K Units)

Figure 5. World N-type Double-sided PERT Battery Average Price (2018-2029) & (US\$/Unit)

Figure 6. World N-type Double-sided PERT Battery Production Value Market Share by Region (2018-2029)

Figure 7. World N-type Double-sided PERT Battery Production Market Share by Region (2018-2029)

Figure 8. North America N-type Double-sided PERT Battery Production (2018-2029) & (K Units)

Figure 9. Europe N-type Double-sided PERT Battery Production (2018-2029) & (K Units)

Figure 10. China N-type Double-sided PERT Battery Production (2018-2029) & (K Units)

Figure 11. Japan N-type Double-sided PERT Battery Production (2018-2029) & (K Units)

Figure 12. N-type Double-sided PERT Battery Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World N-type Double-sided PERT Battery Consumption (2018-2029) & (K Units)

Figure 15. World N-type Double-sided PERT Battery Consumption Market Share by Region (2018-2029)

Figure 16. United States N-type Double-sided PERT Battery Consumption (2018-2029) & (K Units)

Figure 17. China N-type Double-sided PERT Battery Consumption (2018-2029) & (K Units)

Figure 18. Europe N-type Double-sided PERT Battery Consumption (2018-2029) & (K Units)

Figure 19. Japan N-type Double-sided PERT Battery Consumption (2018-2029) & (K Units)

Figure 20. South Korea N-type Double-sided PERT Battery Consumption (2018-2029) &

(K Units)

Figure 21. ASEAN N-type Double-sided PERT Battery Consumption (2018-2029) & (K Units)

Figure 22. India N-type Double-sided PERT Battery Consumption (2018-2029) & (K Units)

Figure 23. Producer Shipments of N-type Double-sided PERT Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for N-type Double-sided PERT Battery Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for N-type Double-sided PERT Battery Markets in 2022

Figure 26. United States VS China: N-type Double-sided PERT Battery Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: N-type Double-sided PERT Battery Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: N-type Double-sided PERT Battery Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers N-type Double-sided PERT Battery Production Market Share 2022

Figure 30. China Based Manufacturers N-type Double-sided PERT Battery Production Market Share 2022

Figure 31. Rest of World Based Manufacturers N-type Double-sided PERT Battery Production Market Share 2022

Figure 32. World N-type Double-sided PERT Battery Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World N-type Double-sided PERT Battery Production Value Market Share by Type in 2022

Figure 34. Double-sided Doping Technology

Figure 35. Double-sided Passivation Technology

Figure 36. World N-type Double-sided PERT Battery Production Market Share by Type (2018-2029)

Figure 37. World N-type Double-sided PERT Battery Production Value Market Share by Type (2018-2029)

Figure 38. World N-type Double-sided PERT Battery Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World N-type Double-sided PERT Battery Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World N-type Double-sided PERT Battery Production Value Market Share by Application in 2022

Figure 41. Photovoltaic Power Station

Figure 42. Small Power Plant

Figure 43. Others

Figure 44. World N-type Double-sided PERT Battery Production Market Share by Application (2018-2029)

Figure 45. World N-type Double-sided PERT Battery Production Value Market Share by Application (2018-2029)

Figure 46. World N-type Double-sided PERT Battery Average Price by Application (2018-2029) & (US\$/Unit)

Figure 47. N-type Double-sided PERT Battery Industry Chain

Figure 48. N-type Double-sided PERT Battery Procurement Model

Figure 49. N-type Double-sided PERT Battery Sales Model

Figure 50. N-type Double-sided PERT Battery Sales Channels, Direct Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source

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