

Global PERC Cells Market Growth 2023-2029

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Abstracts

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PERC technology improves conversion efficiency by adding a dielectric passivation layer on the backside of the cell. Better efficiency levels in standard cell structures are limited by the tendency of photogenerated electrons to recombine. PERC cells maximize the potential gradient across the P-N junction, which allows for more stable electron flow, reduced electron recombination, and higher efficiency levels. The biggest difference between PERC cells and conventional cells is the passivation of the dielectric film on the back surface and the use of localized metal contact, which greatly reduces the recombination speed of the surface and improves the light reflection on the back surface.

LPI (LP Information)' newest research report, the "PERC Cells Industry Forecast" looks at past sales and reviews total world PERC Cells sales in 2022, providing a comprehensive analysis by region and market sector of projected PERC Cells sales for 2023 through 2029. With PERC Cells sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PERC Cells industry.

This Insight Report provides a comprehensive analysis of the global PERC Cells landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PERC Cells portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PERC Cells market.

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for PERC Cells and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PERC Cells.

The global PERC Cells market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for PERC Cells is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for PERC Cells is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for PERC Cells is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key PERC Cells players cover LG, REC, Solar World, Meyer Burger, Adani, Astronergy, Suntech, HT-SAAE and Canadian Solar, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of PERC Cells market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Single Side

Double Side

Segmentation by application

Photovoltaic Power Station

New Energy Vehicles

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

LG

REC

Solar World

Meyer Burger

Adani

Astronergy

Suntech

HT-SAAE

Canadian Solar

CARBON

Jinko Solar

Trina Solar

Longi Group

Jolywood

S.C New Energy Technology

CECEP Solar Energy

Aiko Solar

Risen Energy

Tongwei

Key Questions Addressed in this Report

What is the 10-year outlook for the global PERC Cells market?

What factors are driving PERC Cells market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do PERC Cells market opportunities vary by end market size?

How does PERC Cells break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global PERC Cells Annual Sales 2018-2029
 - 2.1.2 World Current & Future Analysis for PERC Cells by Geographic Region, 2018, 2022 & 2029
 - 2.1.3 World Current & Future Analysis for PERC Cells by Country/Region, 2018, 2022 & 2029
- 2.2 PERC Cells Segment by Type
 - 2.2.1 Single Side
 - 2.2.2 Double Side
- 2.3 PERC Cells Sales by Type
 - 2.3.1 Global PERC Cells Sales Market Share by Type (2018-2023)
 - 2.3.2 Global PERC Cells Revenue and Market Share by Type (2018-2023)
 - 2.3.3 Global PERC Cells Sale Price by Type (2018-2023)
- 2.4 PERC Cells Segment by Application
 - 2.4.1 Photovoltaic Power Station
 - 2.4.2 New Energy Vehicles
 - 2.4.3 Others
- 2.5 PERC Cells Sales by Application
 - 2.5.1 Global PERC Cells Sale Market Share by Application (2018-2023)
 - 2.5.2 Global PERC Cells Revenue and Market Share by Application (2018-2023)
 - 2.5.3 Global PERC Cells Sale Price by Application (2018-2023)

3 GLOBAL PERC CELLS BY COMPANY

- 3.1 Global PERC Cells Breakdown Data by Company
 - 3.1.1 Global PERC Cells Annual Sales by Company (2018-2023)
 - 3.1.2 Global PERC Cells Sales Market Share by Company (2018-2023)
- 3.2 Global PERC Cells Annual Revenue by Company (2018-2023)
 - 3.2.1 Global PERC Cells Revenue by Company (2018-2023)
 - 3.2.2 Global PERC Cells Revenue Market Share by Company (2018-2023)
- 3.3 Global PERC Cells Sale Price by Company
- 3.4 Key Manufacturers PERC Cells Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers PERC Cells Product Location Distribution
 - 3.4.2 Players PERC Cells Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR PERC CELLS BY GEOGRAPHIC REGION

- 4.1 World Historic PERC Cells Market Size by Geographic Region (2018-2023)
 - 4.1.1 Global PERC Cells Annual Sales by Geographic Region (2018-2023)
 - 4.1.2 Global PERC Cells Annual Revenue by Geographic Region (2018-2023)
- 4.2 World Historic PERC Cells Market Size by Country/Region (2018-2023)
 - 4.2.1 Global PERC Cells Annual Sales by Country/Region (2018-2023)
 - 4.2.2 Global PERC Cells Annual Revenue by Country/Region (2018-2023)
- 4.3 Americas PERC Cells Sales Growth
- 4.4 APAC PERC Cells Sales Growth
- 4.5 Europe PERC Cells Sales Growth
- 4.6 Middle East & Africa PERC Cells Sales Growth

5 AMERICAS

- 5.1 Americas PERC Cells Sales by Country
 - 5.1.1 Americas PERC Cells Sales by Country (2018-2023)
 - 5.1.2 Americas PERC Cells Revenue by Country (2018-2023)
- 5.2 Americas PERC Cells Sales by Type
- 5.3 Americas PERC Cells Sales by Application
- 5.4 United States
- 5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC PERC Cells Sales by Region

6.1.1 APAC PERC Cells Sales by Region (2018-2023)

6.1.2 APAC PERC Cells Revenue by Region (2018-2023)

6.2 APAC PERC Cells Sales by Type

6.3 APAC PERC Cells Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe PERC Cells by Country

7.1.1 Europe PERC Cells Sales by Country (2018-2023)

7.1.2 Europe PERC Cells Revenue by Country (2018-2023)

7.2 Europe PERC Cells Sales by Type

7.3 Europe PERC Cells Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa PERC Cells by Country

8.1.1 Middle East & Africa PERC Cells Sales by Country (2018-2023)

8.1.2 Middle East & Africa PERC Cells Revenue by Country (2018-2023)

8.2 Middle East & Africa PERC Cells Sales by Type

8.3 Middle East & Africa PERC Cells Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of PERC Cells

10.3 Manufacturing Process Analysis of PERC Cells

10.4 Industry Chain Structure of PERC Cells

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 PERC Cells Distributors

11.3 PERC Cells Customer

12 WORLD FORECAST REVIEW FOR PERC CELLS BY GEOGRAPHIC REGION

12.1 Global PERC Cells Market Size Forecast by Region

12.1.1 Global PERC Cells Forecast by Region (2024-2029)

12.1.2 Global PERC Cells Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global PERC Cells Forecast by Type

12.7 Global PERC Cells Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 LG

13.1.1 LG Company Information

13.1.2 LG PERC Cells Product Portfolios and Specifications

13.1.3 LG PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 LG Main Business Overview

13.1.5 LG Latest Developments

13.2 REC

13.2.1 REC Company Information

13.2.2 REC PERC Cells Product Portfolios and Specifications

13.2.3 REC PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.2.4 REC Main Business Overview

13.2.5 REC Latest Developments

13.3 Solar World

13.3.1 Solar World Company Information

13.3.2 Solar World PERC Cells Product Portfolios and Specifications

13.3.3 Solar World PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Solar World Main Business Overview

13.3.5 Solar World Latest Developments

13.4 Meyer Burger

13.4.1 Meyer Burger Company Information

13.4.2 Meyer Burger PERC Cells Product Portfolios and Specifications

13.4.3 Meyer Burger PERC Cells Sales, Revenue, Price and Gross Margin
(2018-2023)

13.4.4 Meyer Burger Main Business Overview

13.4.5 Meyer Burger Latest Developments

13.5 Adani

13.5.1 Adani Company Information

13.5.2 Adani PERC Cells Product Portfolios and Specifications

13.5.3 Adani PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Adani Main Business Overview

13.5.5 Adani Latest Developments

13.6 Astronergy

13.6.1 Astronergy Company Information

13.6.2 Astronergy PERC Cells Product Portfolios and Specifications

13.6.3 Astronergy PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 Astronergy Main Business Overview

13.6.5 Astronergy Latest Developments

13.7 Suntech

- 13.7.1 Suntech Company Information
- 13.7.2 Suntech PERC Cells Product Portfolios and Specifications
- 13.7.3 Suntech PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.7.4 Suntech Main Business Overview
- 13.7.5 Suntech Latest Developments
- 13.8 HT-SAAE
 - 13.8.1 HT-SAAE Company Information
 - 13.8.2 HT-SAAE PERC Cells Product Portfolios and Specifications
 - 13.8.3 HT-SAAE PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.8.4 HT-SAAE Main Business Overview
 - 13.8.5 HT-SAAE Latest Developments
- 13.9 Canadian Solar
 - 13.9.1 Canadian Solar Company Information
 - 13.9.2 Canadian Solar PERC Cells Product Portfolios and Specifications
 - 13.9.3 Canadian Solar PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.9.4 Canadian Solar Main Business Overview
 - 13.9.5 Canadian Solar Latest Developments
- 13.10 CARBON
 - 13.10.1 CARBON Company Information
 - 13.10.2 CARBON PERC Cells Product Portfolios and Specifications
 - 13.10.3 CARBON PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.10.4 CARBON Main Business Overview
 - 13.10.5 CARBON Latest Developments
- 13.11 Jinko Solar
 - 13.11.1 Jinko Solar Company Information
 - 13.11.2 Jinko Solar PERC Cells Product Portfolios and Specifications
 - 13.11.3 Jinko Solar PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.11.4 Jinko Solar Main Business Overview
 - 13.11.5 Jinko Solar Latest Developments
- 13.12 Trina Solar
 - 13.12.1 Trina Solar Company Information
 - 13.12.2 Trina Solar PERC Cells Product Portfolios and Specifications
 - 13.12.3 Trina Solar PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.12.4 Trina Solar Main Business Overview
 - 13.12.5 Trina Solar Latest Developments
- 13.13 Longi Group
 - 13.13.1 Longi Group Company Information
 - 13.13.2 Longi Group PERC Cells Product Portfolios and Specifications

- 13.13.3 Longi Group PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.13.4 Longi Group Main Business Overview
- 13.13.5 Longi Group Latest Developments
- 13.14 Jolywood
 - 13.14.1 Jolywood Company Information
 - 13.14.2 Jolywood PERC Cells Product Portfolios and Specifications
 - 13.14.3 Jolywood PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.14.4 Jolywood Main Business Overview
 - 13.14.5 Jolywood Latest Developments
- 13.15 S.C New Energy Technology
 - 13.15.1 S.C New Energy Technology Company Information
 - 13.15.2 S.C New Energy Technology PERC Cells Product Portfolios and Specifications
 - 13.15.3 S.C New Energy Technology PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.15.4 S.C New Energy Technology Main Business Overview
 - 13.15.5 S.C New Energy Technology Latest Developments
- 13.16 CECEP Solar Energy
 - 13.16.1 CECEP Solar Energy Company Information
 - 13.16.2 CECEP Solar Energy PERC Cells Product Portfolios and Specifications
 - 13.16.3 CECEP Solar Energy PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.16.4 CECEP Solar Energy Main Business Overview
 - 13.16.5 CECEP Solar Energy Latest Developments
- 13.17 Aiko Solar
 - 13.17.1 Aiko Solar Company Information
 - 13.17.2 Aiko Solar PERC Cells Product Portfolios and Specifications
 - 13.17.3 Aiko Solar PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.17.4 Aiko Solar Main Business Overview
 - 13.17.5 Aiko Solar Latest Developments
- 13.18 Risen Energy
 - 13.18.1 Risen Energy Company Information
 - 13.18.2 Risen Energy PERC Cells Product Portfolios and Specifications
 - 13.18.3 Risen Energy PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.18.4 Risen Energy Main Business Overview
 - 13.18.5 Risen Energy Latest Developments
- 13.19 Tongwei

13.19.1 Tongwei Company Information

13.19.2 Tongwei PERC Cells Product Portfolios and Specifications

13.19.3 Tongwei PERC Cells Sales, Revenue, Price and Gross Margin (2018-2023)

13.19.4 Tongwei Main Business Overview

13.19.5 Tongwei Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. PERC Cells Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. PERC Cells Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Single Side

Table 4. Major Players of Double Side

Table 5. Global PERC Cells Sales by Type (2018-2023) & (K Units)

Table 6. Global PERC Cells Sales Market Share by Type (2018-2023)

Table 7. Global PERC Cells Revenue by Type (2018-2023) & (\$ million)

Table 8. Global PERC Cells Revenue Market Share by Type (2018-2023)

Table 9. Global PERC Cells Sale Price by Type (2018-2023) & (US\$/Unit)

Table 10. Global PERC Cells Sales by Application (2018-2023) & (K Units)

Table 11. Global PERC Cells Sales Market Share by Application (2018-2023)

Table 12. Global PERC Cells Revenue by Application (2018-2023)

Table 13. Global PERC Cells Revenue Market Share by Application (2018-2023)

Table 14. Global PERC Cells Sale Price by Application (2018-2023) & (US\$/Unit)

Table 15. Global PERC Cells Sales by Company (2018-2023) & (K Units)

Table 16. Global PERC Cells Sales Market Share by Company (2018-2023)

Table 17. Global PERC Cells Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global PERC Cells Revenue Market Share by Company (2018-2023)

Table 19. Global PERC Cells Sale Price by Company (2018-2023) & (US\$/Unit)

Table 20. Key Manufacturers PERC Cells Producing Area Distribution and Sales Area

Table 21. Players PERC Cells Products Offered

Table 22. PERC Cells Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global PERC Cells Sales by Geographic Region (2018-2023) & (K Units)

Table 26. Global PERC Cells Sales Market Share Geographic Region (2018-2023)

Table 27. Global PERC Cells Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global PERC Cells Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global PERC Cells Sales by Country/Region (2018-2023) & (K Units)

Table 30. Global PERC Cells Sales Market Share by Country/Region (2018-2023)

Table 31. Global PERC Cells Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global PERC Cells Revenue Market Share by Country/Region (2018-2023)
Table 33. Americas PERC Cells Sales by Country (2018-2023) & (K Units)
Table 34. Americas PERC Cells Sales Market Share by Country (2018-2023)
Table 35. Americas PERC Cells Revenue by Country (2018-2023) & (\$ Millions)
Table 36. Americas PERC Cells Revenue Market Share by Country (2018-2023)
Table 37. Americas PERC Cells Sales by Type (2018-2023) & (K Units)
Table 38. Americas PERC Cells Sales by Application (2018-2023) & (K Units)
Table 39. APAC PERC Cells Sales by Region (2018-2023) & (K Units)
Table 40. APAC PERC Cells Sales Market Share by Region (2018-2023)
Table 41. APAC PERC Cells Revenue by Region (2018-2023) & (\$ Millions)
Table 42. APAC PERC Cells Revenue Market Share by Region (2018-2023)
Table 43. APAC PERC Cells Sales by Type (2018-2023) & (K Units)
Table 44. APAC PERC Cells Sales by Application (2018-2023) & (K Units)
Table 45. Europe PERC Cells Sales by Country (2018-2023) & (K Units)
Table 46. Europe PERC Cells Sales Market Share by Country (2018-2023)
Table 47. Europe PERC Cells Revenue by Country (2018-2023) & (\$ Millions)
Table 48. Europe PERC Cells Revenue Market Share by Country (2018-2023)
Table 49. Europe PERC Cells Sales by Type (2018-2023) & (K Units)
Table 50. Europe PERC Cells Sales by Application (2018-2023) & (K Units)
Table 51. Middle East & Africa PERC Cells Sales by Country (2018-2023) & (K Units)
Table 52. Middle East & Africa PERC Cells Sales Market Share by Country (2018-2023)
Table 53. Middle East & Africa PERC Cells Revenue by Country (2018-2023) & (\$ Millions)
Table 54. Middle East & Africa PERC Cells Revenue Market Share by Country (2018-2023)
Table 55. Middle East & Africa PERC Cells Sales by Type (2018-2023) & (K Units)
Table 56. Middle East & Africa PERC Cells Sales by Application (2018-2023) & (K Units)
Table 57. Key Market Drivers & Growth Opportunities of PERC Cells
Table 58. Key Market Challenges & Risks of PERC Cells
Table 59. Key Industry Trends of PERC Cells
Table 60. PERC Cells Raw Material
Table 61. Key Suppliers of Raw Materials
Table 62. PERC Cells Distributors List
Table 63. PERC Cells Customer List
Table 64. Global PERC Cells Sales Forecast by Region (2024-2029) & (K Units)
Table 65. Global PERC Cells Revenue Forecast by Region (2024-2029) & (\$ millions)
Table 66. Americas PERC Cells Sales Forecast by Country (2024-2029) & (K Units)
Table 67. Americas PERC Cells Revenue Forecast by Country (2024-2029) & (\$

millions)

Table 68. APAC PERC Cells Sales Forecast by Region (2024-2029) & (K Units)

Table 69. APAC PERC Cells Revenue Forecast by Region (2024-2029) & (\$ millions)

Table 70. Europe PERC Cells Sales Forecast by Country (2024-2029) & (K Units)

Table 71. Europe PERC Cells Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 72. Middle East & Africa PERC Cells Sales Forecast by Country (2024-2029) & (K Units)

Table 73. Middle East & Africa PERC Cells Revenue Forecast by Country (2024-2029) & (\$ millions)

Table 74. Global PERC Cells Sales Forecast by Type (2024-2029) & (K Units)

Table 75. Global PERC Cells Revenue Forecast by Type (2024-2029) & (\$ Millions)

Table 76. Global PERC Cells Sales Forecast by Application (2024-2029) & (K Units)

Table 77. Global PERC Cells Revenue Forecast by Application (2024-2029) & (\$ Millions)

Table 78. LG Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 79. LG PERC Cells Product Portfolios and Specifications

Table 80. LG PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 81. LG Main Business

Table 82. LG Latest Developments

Table 83. REC Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 84. REC PERC Cells Product Portfolios and Specifications

Table 85. REC PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 86. REC Main Business

Table 87. REC Latest Developments

Table 88. Solar World Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 89. Solar World PERC Cells Product Portfolios and Specifications

Table 90. Solar World PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 91. Solar World Main Business

Table 92. Solar World Latest Developments

Table 93. Meyer Burger Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 94. Meyer Burger PERC Cells Product Portfolios and Specifications

Table 95. Meyer Burger PERC Cells Sales (K Units), Revenue (\$ Million), Price

(US\$/Unit) and Gross Margin (2018-2023)

Table 96. Meyer Burger Main Business

Table 97. Meyer Burger Latest Developments

Table 98. Adani Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 99. Adani PERC Cells Product Portfolios and Specifications

Table 100. Adani PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 101. Adani Main Business

Table 102. Adani Latest Developments

Table 103. Astronergy Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 104. Astronergy PERC Cells Product Portfolios and Specifications

Table 105. Astronergy PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 106. Astronergy Main Business

Table 107. Astronergy Latest Developments

Table 108. Suntech Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 109. Suntech PERC Cells Product Portfolios and Specifications

Table 110. Suntech PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 111. Suntech Main Business

Table 112. Suntech Latest Developments

Table 113. HT-SAAE Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 114. HT-SAAE PERC Cells Product Portfolios and Specifications

Table 115. HT-SAAE PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 116. HT-SAAE Main Business

Table 117. HT-SAAE Latest Developments

Table 118. Canadian Solar Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 119. Canadian Solar PERC Cells Product Portfolios and Specifications

Table 120. Canadian Solar PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 121. Canadian Solar Main Business

Table 122. Canadian Solar Latest Developments

Table 123. CARBON Basic Information, PERC Cells Manufacturing Base, Sales Area

and Its Competitors

Table 124. CARBON PERC Cells Product Portfolios and Specifications

Table 125. CARBON PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 126. CARBON Main Business

Table 127. CARBON Latest Developments

Table 128. Jinko Solar Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 129. Jinko Solar PERC Cells Product Portfolios and Specifications

Table 130. Jinko Solar PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 131. Jinko Solar Main Business

Table 132. Jinko Solar Latest Developments

Table 133. Trina Solar Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 134. Trina Solar PERC Cells Product Portfolios and Specifications

Table 135. Trina Solar PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 136. Trina Solar Main Business

Table 137. Trina Solar Latest Developments

Table 138. Longi Group Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 139. Longi Group PERC Cells Product Portfolios and Specifications

Table 140. Longi Group PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 141. Longi Group Main Business

Table 142. Longi Group Latest Developments

Table 143. Jolywood Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 144. Jolywood PERC Cells Product Portfolios and Specifications

Table 145. Jolywood PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 146. Jolywood Main Business

Table 147. Jolywood Latest Developments

Table 148. S.C New Energy Technology Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 149. S.C New Energy Technology PERC Cells Product Portfolios and Specifications

Table 150. S.C New Energy Technology PERC Cells Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 151. S.C New Energy Technology Main Business

Table 152. S.C New Energy Technology Latest Developments

Table 153. CECEP Solar Energy Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 154. CECEP Solar Energy PERC Cells Product Portfolios and Specifications

Table 155. CECEP Solar Energy PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 156. CECEP Solar Energy Main Business

Table 157. CECEP Solar Energy Latest Developments

Table 158. Aiko Solar Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 159. Aiko Solar PERC Cells Product Portfolios and Specifications

Table 160. Aiko Solar PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 161. Aiko Solar Main Business

Table 162. Aiko Solar Latest Developments

Table 163. Risen Energy Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 164. Risen Energy PERC Cells Product Portfolios and Specifications

Table 165. Risen Energy PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 166. Risen Energy Main Business

Table 167. Risen Energy Latest Developments

Table 168. Tongwei Basic Information, PERC Cells Manufacturing Base, Sales Area and Its Competitors

Table 169. Tongwei PERC Cells Product Portfolios and Specifications

Table 170. Tongwei PERC Cells Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2018-2023)

Table 171. Tongwei Main Business

Table 172. Tongwei Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of PERC Cells
- Figure 2. PERC Cells Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global PERC Cells Sales Growth Rate 2018-2029 (K Units)
- Figure 7. Global PERC Cells Revenue Growth Rate 2018-2029 (\$ Millions)
- Figure 8. PERC Cells Sales by Region (2018, 2022 & 2029) & (\$ Millions)
- Figure 9. Product Picture of Single Side
- Figure 10. Product Picture of Double Side
- Figure 11. Global PERC Cells Sales Market Share by Type in 2022
- Figure 12. Global PERC Cells Revenue Market Share by Type (2018-2023)
- Figure 13. PERC Cells Consumed in Photovoltaic Power Station
- Figure 14. Global PERC Cells Market: Photovoltaic Power Station (2018-2023) & (K Units)
- Figure 15. PERC Cells Consumed in New Energy Vehicles
- Figure 16. Global PERC Cells Market: New Energy Vehicles (2018-2023) & (K Units)
- Figure 17. PERC Cells Consumed in Others
- Figure 18. Global PERC Cells Market: Others (2018-2023) & (K Units)
- Figure 19. Global PERC Cells Sales Market Share by Application (2022)
- Figure 20. Global PERC Cells Revenue Market Share by Application in 2022
- Figure 21. PERC Cells Sales Market by Company in 2022 (K Units)
- Figure 22. Global PERC Cells Sales Market Share by Company in 2022
- Figure 23. PERC Cells Revenue Market by Company in 2022 (\$ Million)
- Figure 24. Global PERC Cells Revenue Market Share by Company in 2022
- Figure 25. Global PERC Cells Sales Market Share by Geographic Region (2018-2023)
- Figure 26. Global PERC Cells Revenue Market Share by Geographic Region in 2022
- Figure 27. Americas PERC Cells Sales 2018-2023 (K Units)
- Figure 28. Americas PERC Cells Revenue 2018-2023 (\$ Millions)
- Figure 29. APAC PERC Cells Sales 2018-2023 (K Units)
- Figure 30. APAC PERC Cells Revenue 2018-2023 (\$ Millions)
- Figure 31. Europe PERC Cells Sales 2018-2023 (K Units)
- Figure 32. Europe PERC Cells Revenue 2018-2023 (\$ Millions)
- Figure 33. Middle East & Africa PERC Cells Sales 2018-2023 (K Units)
- Figure 34. Middle East & Africa PERC Cells Revenue 2018-2023 (\$ Millions)

- Figure 35. Americas PERC Cells Sales Market Share by Country in 2022
- Figure 36. Americas PERC Cells Revenue Market Share by Country in 2022
- Figure 37. Americas PERC Cells Sales Market Share by Type (2018-2023)
- Figure 38. Americas PERC Cells Sales Market Share by Application (2018-2023)
- Figure 39. United States PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 40. Canada PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 41. Mexico PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 42. Brazil PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 43. APAC PERC Cells Sales Market Share by Region in 2022
- Figure 44. APAC PERC Cells Revenue Market Share by Regions in 2022
- Figure 45. APAC PERC Cells Sales Market Share by Type (2018-2023)
- Figure 46. APAC PERC Cells Sales Market Share by Application (2018-2023)
- Figure 47. China PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 48. Japan PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 49. South Korea PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 50. Southeast Asia PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 51. India PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 52. Australia PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 53. China Taiwan PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 54. Europe PERC Cells Sales Market Share by Country in 2022
- Figure 55. Europe PERC Cells Revenue Market Share by Country in 2022
- Figure 56. Europe PERC Cells Sales Market Share by Type (2018-2023)
- Figure 57. Europe PERC Cells Sales Market Share by Application (2018-2023)
- Figure 58. Germany PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 59. France PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 60. UK PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 61. Italy PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 62. Russia PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 63. Middle East & Africa PERC Cells Sales Market Share by Country in 2022
- Figure 64. Middle East & Africa PERC Cells Revenue Market Share by Country in 2022
- Figure 65. Middle East & Africa PERC Cells Sales Market Share by Type (2018-2023)
- Figure 66. Middle East & Africa PERC Cells Sales Market Share by Application (2018-2023)
- Figure 67. Egypt PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 68. South Africa PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 69. Israel PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 70. Turkey PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 71. GCC Country PERC Cells Revenue Growth 2018-2023 (\$ Millions)
- Figure 72. Manufacturing Cost Structure Analysis of PERC Cells in 2022

Figure 73. Manufacturing Process Analysis of PERC Cells

Figure 74. Industry Chain Structure of PERC Cells

Figure 75. Channels of Distribution

Figure 76. Global PERC Cells Sales Market Forecast by Region (2024-2029)

Figure 77. Global PERC Cells Revenue Market Share Forecast by Region (2024-2029)

Figure 78. Global PERC Cells Sales Market Share Forecast by Type (2024-2029)

Figure 79. Global PERC Cells Revenue Market Share Forecast by Type (2024-2029)

Figure 80. Global PERC Cells Sales Market Share Forecast by Application (2024-2029)

Figure 81. Global PERC Cells Revenue Market Share Forecast by Application
(2024-2029)

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