

Global Monocrystalline PERC Single Glass Half Cell Solar Panel Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GEC3AB2151D0EN.html>

Date: July 2023

Pages: 102

Price: US\$ 4,480.00 (Single User License)

ID: GEC3AB2151D0EN

Abstracts

The global Monocrystalline PERC Single Glass Half Cell Solar Panel market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Monocrystalline PERC (Passivated Emitter and Rear Cell) Single Glass Half Cell Solar Panel is a type of solar panel used for converting solar energy into electricity. This panel features monocrystalline silicon-based cells, which are more efficient and durable than polycrystalline-based cells. The use of PERC technology further improves the efficiency of the panel by increasing the amount of light captured and converted into electricity.

The single glass design of this solar panel refers to the use of only one layer of glass to cover the solar cells on the front side of the panel, rather than double glass used in some other solar panel designs. This can result in lower manufacturing costs and reduced weight, making them a popular choice for many residential and commercial solar installations. However, the single glass design may make the panel more vulnerable to environmental factors like weather, temperature changes, and potential damage from external impact.

The half-cell design of Monocrystalline PERC Single Glass Half Cell Solar Panel helps to improve its efficiency, as it allows for better power generation even when parts of the panel are shaded or not receiving optimal sunlight. This design also helps to reduce power loss and increase the panel's overall performance.

Overall, Monocrystalline PERC Single Glass Half Cell Solar Panel is a high-quality and reliable option for solar energy production, offering a good balance between efficiency,

durability, and cost-effectiveness.

This report studies the global Monocrystalline PERC Single Glass Half Cell Solar Panel production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Monocrystalline PERC Single Glass Half Cell Solar Panel, 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 Monocrystalline PERC Single Glass Half Cell Solar Panel that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Monocrystalline PERC Single Glass Half Cell Solar Panel total production and demand, 2018-2029, (K Pcs)

Global Monocrystalline PERC Single Glass Half Cell Solar Panel total production value, 2018-2029, (USD Million)

Global Monocrystalline PERC Single Glass Half Cell Solar Panel production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Pcs)

Global Monocrystalline PERC Single Glass Half Cell Solar Panel consumption by region & country, CAGR, 2018-2029 & (K Pcs)

U.S. VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel domestic production, consumption, key domestic manufacturers and share

Global Monocrystalline PERC Single Glass Half Cell Solar Panel production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Pcs)

Global Monocrystalline PERC Single Glass Half Cell Solar Panel production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Pcs)

Global Monocrystalline PERC Single Glass Half Cell Solar Panel production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Pcs)

This reports profiles key players in the global Monocrystalline PERC Single Glass Half Cell Solar Panel 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 WEUP Power Co., Ltd, Vokek Group Co., Limited (Vokek), Bluesun Solar Co.,Ltd, Hetech Solar, SpolarPV Technology Co., Ltd, Ningbo Raytech New Energy Materials Co., Ltd. (Raytech), SolarSpace and ZNSHINE SOLAR, 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 Monocrystalline PERC Single Glass Half Cell Solar Panel market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Pcs) and average price (US\$/Piece) 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 Monocrystalline PERC Single Glass Half Cell Solar Panel Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Monocrystalline PERC Single Glass Half Cell Solar Panel Market, Segmentation by Type

Below 300W

300-400W

400-500W

Above 500W

Global Monocrystalline PERC Single Glass Half Cell Solar Panel Market, Segmentation by Application

Residential

Commercial

Public Facilities

Industrial

Others

Companies Profiled:

WEUP Power Co., Ltd

Vokek Group Co., Limited (Vokek)

Bluesun Solar Co.,Ltd

Hetech Solar

SpolarPV Technology Co., Ltd

Ningbo Raytech New Energy Materials Co., Ltd. (Raytech)

SolarSpace

ZNSHINE SOLAR

Key Questions Answered

1. How big is the global Monocrystalline PERC Single Glass Half Cell Solar Panel market?
2. What is the demand of the global Monocrystalline PERC Single Glass Half Cell Solar Panel market?
3. What is the year over year growth of the global Monocrystalline PERC Single Glass Half Cell Solar Panel market?
4. What is the production and production value of the global Monocrystalline PERC Single Glass Half Cell Solar Panel market?
5. Who are the key producers in the global Monocrystalline PERC Single Glass Half Cell Solar Panel market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Monocrystalline PERC Single Glass Half Cell Solar Panel Introduction
- 1.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Supply & Forecast
 - 1.2.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2029)
 - 1.2.3 World Monocrystalline PERC Single Glass Half Cell Solar Panel Pricing Trends (2018-2029)
- 1.3 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Region (Based on Production Site)
 - 1.3.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Region (2018-2029)
 - 1.3.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Region (2018-2029)
 - 1.3.3 World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Region (2018-2029)
 - 1.3.4 China Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Monocrystalline PERC Single Glass Half Cell Solar Panel Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Monocrystalline PERC Single Glass Half Cell Solar Panel 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 Monocrystalline PERC Single Glass Half Cell Solar Panel Demand (2018-2029)
- 2.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption by Region
 - 2.2.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption by Region (2018-2023)
 - 2.2.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption

Forecast by Region (2024-2029)

2.3 United States Monocrystalline PERC Single Glass Half Cell Solar Panel

Consumption (2018-2029)

2.4 China Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029)

2.5 Europe Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029)

2.6 Japan Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029)

2.7 South Korea Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029)

2.8 ASEAN Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029)

2.9 India Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029)

3 WORLD MONOCRYSTALLINE PERC SINGLE GLASS HALF CELL SOLAR PANEL MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Manufacturer (2018-2023)

3.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Manufacturer (2018-2023)

3.3 World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Manufacturer (2018-2023)

3.4 Monocrystalline PERC Single Glass Half Cell Solar Panel Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Monocrystalline PERC Single Glass Half Cell Solar Panel Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Monocrystalline PERC Single Glass Half Cell Solar Panel in 2022

3.5.3 Global Concentration Ratios (CR8) for Monocrystalline PERC Single Glass Half Cell Solar Panel in 2022

3.6 Monocrystalline PERC Single Glass Half Cell Solar Panel Market: Overall Company Footprint Analysis

3.6.1 Monocrystalline PERC Single Glass Half Cell Solar Panel Market: Region Footprint

3.6.2 Monocrystalline PERC Single Glass Half Cell Solar Panel Market: Company

Product Type Footprint

3.6.3 Monocrystalline PERC Single Glass Half Cell Solar Panel 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: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Comparison

4.1.1 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Comparison

4.2.1 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Comparison

4.3.1 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Monocrystalline PERC Single Glass Half Cell Solar Panel Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Monocrystalline PERC Single Glass Half Cell Solar Panel Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value (2018-2023)

4.4.3 United States Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2023)

4.5 China Based Monocrystalline PERC Single Glass Half Cell Solar Panel

Manufacturers and Market Share

4.5.1 China Based Monocrystalline PERC Single Glass Half Cell Solar Panel

Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value (2018-2023)

4.5.3 China Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2023)

4.6 Rest of World Based Monocrystalline PERC Single Glass Half Cell Solar Panel Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Monocrystalline PERC Single Glass Half Cell Solar Panel Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Market Size

Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Below 300W

5.2.2 300-400W

5.2.3 400-500W

5.2.4 Above 500W

5.3 Market Segment by Type

5.3.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Type (2018-2029)

5.3.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Type (2018-2029)

5.3.3 World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Market Size

Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Residential

6.2.2 Commercial

6.2.3 Public Facilities

6.2.4 Industrial

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Application (2018-2029)

6.3.2 World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Application (2018-2029)

6.3.3 World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 WEUP Power Co., Ltd

7.1.1 WEUP Power Co., Ltd Details

7.1.2 WEUP Power Co., Ltd Major Business

7.1.3 WEUP Power Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

7.1.4 WEUP Power Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 WEUP Power Co., Ltd Recent Developments/Updates

7.1.6 WEUP Power Co., Ltd Competitive Strengths & Weaknesses

7.2 Vokek Group Co., Limited (Vokek)

7.2.1 Vokek Group Co., Limited (Vokek) Details

7.2.2 Vokek Group Co., Limited (Vokek) Major Business

7.2.3 Vokek Group Co., Limited (Vokek) Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

7.2.4 Vokek Group Co., Limited (Vokek) Monocrystalline PERC Single Glass Half Cell Solar Panel Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Vokek Group Co., Limited (Vokek) Recent Developments/Updates

7.2.6 Vokek Group Co., Limited (Vokek) Competitive Strengths & Weaknesses

7.3 Bluesun Solar Co.,Ltd

7.3.1 Bluesun Solar Co.,Ltd Details

7.3.2 Bluesun Solar Co.,Ltd Major Business

7.3.3 Bluesun Solar Co.,Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

7.3.4 Bluesun Solar Co.,Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.3.5 Bluesun Solar Co.,Ltd Recent Developments/Updates
- 7.3.6 Bluesun Solar Co.,Ltd Competitive Strengths & Weaknesses
- 7.4 Hetech Solar
 - 7.4.1 Hetech Solar Details
 - 7.4.2 Hetech Solar Major Business
 - 7.4.3 Hetech Solar Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services
 - 7.4.4 Hetech Solar Monocrystalline PERC Single Glass Half Cell Solar Panel Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Hetech Solar Recent Developments/Updates
 - 7.4.6 Hetech Solar Competitive Strengths & Weaknesses
- 7.5 SpolarPV Technology Co., Ltd
 - 7.5.1 SpolarPV Technology Co., Ltd Details
 - 7.5.2 SpolarPV Technology Co., Ltd Major Business
 - 7.5.3 SpolarPV Technology Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services
 - 7.5.4 SpolarPV Technology Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 SpolarPV Technology Co., Ltd Recent Developments/Updates
 - 7.5.6 SpolarPV Technology Co., Ltd Competitive Strengths & Weaknesses
- 7.6 Ningbo Raytech New Energy Materials Co., Ltd. (Raytech)
 - 7.6.1 Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Details
 - 7.6.2 Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Major Business
 - 7.6.3 Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services
 - 7.6.4 Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Monocrystalline PERC Single Glass Half Cell Solar Panel Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Recent Developments/Updates
 - 7.6.6 Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Competitive Strengths & Weaknesses
- 7.7 SolarSpace
 - 7.7.1 SolarSpace Details
 - 7.7.2 SolarSpace Major Business
 - 7.7.3 SolarSpace Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services
 - 7.7.4 SolarSpace Monocrystalline PERC Single Glass Half Cell Solar Panel Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.7.5 SolarSpace Recent Developments/Updates

7.7.6 SolarSpace Competitive Strengths & Weaknesses

7.8 ZNSHINE SOLAR

7.8.1 ZNSHINE SOLAR Details

7.8.2 ZNSHINE SOLAR Major Business

7.8.3 ZNSHINE SOLAR Monocrystalline PERC Single Glass Half Cell Solar Panel
Product and Services

7.8.4 ZNSHINE SOLAR Monocrystalline PERC Single Glass Half Cell Solar Panel
Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 ZNSHINE SOLAR Recent Developments/Updates

7.8.6 ZNSHINE SOLAR Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Monocrystalline PERC Single Glass Half Cell Solar Panel Industry Chain

8.2 Monocrystalline PERC Single Glass Half Cell Solar Panel Upstream Analysis

8.2.1 Monocrystalline PERC Single Glass Half Cell Solar Panel Core Raw Materials

8.2.2 Main Manufacturers of Monocrystalline PERC Single Glass Half Cell Solar Panel
Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Monocrystalline PERC Single Glass Half Cell Solar Panel Production Mode

8.6 Monocrystalline PERC Single Glass Half Cell Solar Panel Procurement Model

8.7 Monocrystalline PERC Single Glass Half Cell Solar Panel Industry Sales Model and
Sales Channels

8.7.1 Monocrystalline PERC Single Glass Half Cell Solar Panel Sales Model

8.7.2 Monocrystalline PERC Single Glass Half Cell Solar Panel 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 Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Region (2018-2023) & (USD Million)

Table 3. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Region (2024-2029) & (USD Million)

Table 4. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share by Region (2018-2023)

Table 5. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share by Region (2024-2029)

Table 6. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Region (2018-2023) & (K Pcs)

Table 7. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Region (2024-2029) & (K Pcs)

Table 8. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share by Region (2018-2023)

Table 9. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share by Region (2024-2029)

Table 10. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Region (2018-2023) & (US\$/Piece)

Table 11. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Region (2024-2029) & (US\$/Piece)

Table 12. Monocrystalline PERC Single Glass Half Cell Solar Panel Major Market Trends

Table 13. World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Pcs)

Table 14. World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption by Region (2018-2023) & (K Pcs)

Table 15. World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Forecast by Region (2024-2029) & (K Pcs)

Table 16. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Monocrystalline PERC Single Glass Half Cell Solar Panel Producers in 2022

Table 18. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production

by Manufacturer (2018-2023) & (K Pcs)

Table 19. Production Market Share of Key Monocrystalline PERC Single Glass Half Cell Solar Panel Producers in 2022

Table 20. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Manufacturer (2018-2023) & (US\$/Piece)

Table 21. Global Monocrystalline PERC Single Glass Half Cell Solar Panel Company Evaluation Quadrant

Table 22. World Monocrystalline PERC Single Glass Half Cell Solar Panel Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Monocrystalline PERC Single Glass Half Cell Solar Panel Production Site of Key Manufacturer

Table 24. Monocrystalline PERC Single Glass Half Cell Solar Panel Market: Company Product Type Footprint

Table 25. Monocrystalline PERC Single Glass Half Cell Solar Panel Market: Company Product Application Footprint

Table 26. Monocrystalline PERC Single Glass Half Cell Solar Panel Competitive Factors

Table 27. Monocrystalline PERC Single Glass Half Cell Solar Panel New Entrant and Capacity Expansion Plans

Table 28. Monocrystalline PERC Single Glass Half Cell Solar Panel Mergers & Acquisitions Activity

Table 29. United States VS China Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Monocrystalline PERC Single Glass Half Cell Solar Panel Production Comparison, (2018 & 2022 & 2029) & (K Pcs)

Table 31. United States VS China Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Comparison, (2018 & 2022 & 2029) & (K Pcs)

Table 32. United States Based Monocrystalline PERC Single Glass Half Cell Solar Panel Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2023) & (K Pcs)

Table 36. United States Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share (2018-2023)

Table 37. China Based Monocrystalline PERC Single Glass Half Cell Solar Panel Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2023) & (K Pcs)

Table 41. China Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share (2018-2023)

Table 42. Rest of World Based Monocrystalline PERC Single Glass Half Cell Solar Panel Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2023) & (K Pcs)

Table 46. Rest of World Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share (2018-2023)

Table 47. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Type (2018-2023) & (K Pcs)

Table 49. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Type (2024-2029) & (K Pcs)

Table 50. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Type (2018-2023) & (USD Million)

Table 51. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Type (2024-2029) & (USD Million)

Table 52. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Type (2018-2023) & (US\$/Piece)

Table 53. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Type (2024-2029) & (US\$/Piece)

Table 54. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Application (2018-2023) & (K Pcs)

Table 56. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production by Application (2024-2029) & (K Pcs)

Table 57. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production

Value by Application (2018-2023) & (USD Million)

Table 58. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production

Value by Application (2024-2029) & (USD Million)

Table 59. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average

Price by Application (2018-2023) & (US\$/Piece)

Table 60. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average

Price by Application (2024-2029) & (US\$/Piece)

Table 61. WEUP Power Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 62. WEUP Power Co., Ltd Major Business

Table 63. WEUP Power Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 64. WEUP Power Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. WEUP Power Co., Ltd Recent Developments/Updates

Table 66. WEUP Power Co., Ltd Competitive Strengths & Weaknesses

Table 67. Vokek Group Co., Limited (Vokek) Basic Information, Manufacturing Base and Competitors

Table 68. Vokek Group Co., Limited (Vokek) Major Business

Table 69. Vokek Group Co., Limited (Vokek) Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 70. Vokek Group Co., Limited (Vokek) Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Vokek Group Co., Limited (Vokek) Recent Developments/Updates

Table 72. Vokek Group Co., Limited (Vokek) Competitive Strengths & Weaknesses

Table 73. Bluesun Solar Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 74. Bluesun Solar Co.,Ltd Major Business

Table 75. Bluesun Solar Co.,Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 76. Bluesun Solar Co.,Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Bluesun Solar Co.,Ltd Recent Developments/Updates

Table 78. Bluesun Solar Co.,Ltd Competitive Strengths & Weaknesses

Table 79. Hetech Solar Basic Information, Manufacturing Base and Competitors

Table 80. Hetech Solar Major Business

Table 81. Hetech Solar Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 82. Hetech Solar Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Hetech Solar Recent Developments/Updates

Table 84. Hetech Solar Competitive Strengths & Weaknesses

Table 85. SpolarPV Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 86. SpolarPV Technology Co., Ltd Major Business

Table 87. SpolarPV Technology Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 88. SpolarPV Technology Co., Ltd Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. SpolarPV Technology Co., Ltd Recent Developments/Updates

Table 90. SpolarPV Technology Co., Ltd Competitive Strengths & Weaknesses

Table 91. Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Basic Information, Manufacturing Base and Competitors

Table 92. Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Major Business

Table 93. Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 94. Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Recent Developments/Updates

Table 96. Ningbo Raytech New Energy Materials Co., Ltd. (Raytech) Competitive Strengths & Weaknesses

Table 97. SolarSpace Basic Information, Manufacturing Base and Competitors

Table 98. SolarSpace Major Business

Table 99. SolarSpace Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 100. SolarSpace Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. SolarSpace Recent Developments/Updates

Table 102. ZNSHINE SOLAR Basic Information, Manufacturing Base and Competitors

Table 103. ZNSHINE SOLAR Major Business

Table 104. ZNSHINE SOLAR Monocrystalline PERC Single Glass Half Cell Solar Panel Product and Services

Table 105. ZNSHINE SOLAR Monocrystalline PERC Single Glass Half Cell Solar Panel Production (K Pcs), Price (US\$/Piece), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 106. Global Key Players of Monocrystalline PERC Single Glass Half Cell Solar Panel Upstream (Raw Materials)

Table 107. Monocrystalline PERC Single Glass Half Cell Solar Panel Typical Customers

Table 108. Monocrystalline PERC Single Glass Half Cell Solar Panel Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Monocrystalline PERC Single Glass Half Cell Solar Panel Picture
- Figure 2. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2029) & (K Pcs)
- Figure 5. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price (2018-2029) & (US\$/Piece)
- Figure 6. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share by Region (2018-2029)
- Figure 7. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share by Region (2018-2029)
- Figure 8. China Monocrystalline PERC Single Glass Half Cell Solar Panel Production (2018-2029) & (K Pcs)
- Figure 9. Monocrystalline PERC Single Glass Half Cell Solar Panel Market Drivers
- Figure 10. Factors Affecting Demand
- Figure 11. World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)
- Figure 12. World Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Market Share by Region (2018-2029)
- Figure 13. United States Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)
- Figure 14. China Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)
- Figure 15. Europe Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)
- Figure 16. Japan Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)
- Figure 17. South Korea Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)
- Figure 18. ASEAN Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)
- Figure 19. India Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption (2018-2029) & (K Pcs)

Figure 20. Producer Shipments of Monocrystalline PERC Single Glass Half Cell Solar Panel by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 21. Global Four-firm Concentration Ratios (CR4) for Monocrystalline PERC Single Glass Half Cell Solar Panel Markets in 2022

Figure 22. Global Four-firm Concentration Ratios (CR8) for Monocrystalline PERC Single Glass Half Cell Solar Panel Markets in 2022

Figure 23. United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 24. United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share Comparison (2018 & 2022 & 2029)

Figure 25. United States VS China: Monocrystalline PERC Single Glass Half Cell Solar Panel Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 26. United States Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share 2022

Figure 27. China Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share 2022

Figure 28. Rest of World Based Manufacturers Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share 2022

Figure 29. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 30. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share by Type in 2022

Figure 31. Below 300W

Figure 32. 300-400W

Figure 33. 400-500W

Figure 34. Above 500W

Figure 35. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share by Type (2018-2029)

Figure 36. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share by Type (2018-2029)

Figure 37. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Type (2018-2029) & (US\$/Piece)

Figure 38. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 39. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share by Application in 2022

Figure 40. Residential

Figure 41. Commercial

Figure 42. Public Facilities

Figure 43. Industrial

Figure 44. Others

Figure 45. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Market Share by Application (2018-2029)

Figure 46. World Monocrystalline PERC Single Glass Half Cell Solar Panel Production Value Market Share by Application (2018-2029)

Figure 47. World Monocrystalline PERC Single Glass Half Cell Solar Panel Average Price by Application (2018-2029) & (US\$/Piece)

Figure 48. Monocrystalline PERC Single Glass Half Cell Solar Panel Industry Chain

Figure 49. Monocrystalline PERC Single Glass Half Cell Solar Panel Procurement Model

Figure 50. Monocrystalline PERC Single Glass Half Cell Solar Panel Sales Model

Figure 51. Monocrystalline PERC Single Glass Half Cell Solar Panel Sales Channels, Direct Sales, and Distribution

Figure 52. Methodology

Figure 53. Research Process and Data Source

I would like to order

Product name: Global Monocrystalline PERC Single Glass Half Cell Solar Panel Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GEC3AB2151D0EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEC3AB2151D0EN.html>