

Global Bifacial PERC Cell Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G9E13CCB0F72EN.html

Date: June 2023

Pages: 125

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

ID: G9E13CCB0F72EN

Abstracts

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

This report studies the global Bifacial PERC Cell production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bifacial PERC Cell, 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 Bifacial PERC Cell that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bifacial PERC Cell total production and demand, 2018-2029, (K Units)

Global Bifacial PERC Cell total production value, 2018-2029, (USD Million)

Global Bifacial PERC Cell production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Bifacial PERC Cell consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Bifacial PERC Cell domestic production, consumption, key domestic manufacturers and share



Global Bifacial PERC Cell production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Bifacial PERC Cell production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Bifacial PERC Cell production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Bifacial PERC Cell 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 Tongwei Solar, JinkoSolar, LONGi Green Energy, Aiko Technology, Trina Solar, JA Solar, Hanwha Q CELLS, Canadian Solar Inc and Adani 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 Bifacial PERC Cell 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 Bifacial PERC Cell Market, By Region:

United States

China

Europe



	Japan	
	South Korea	
	ASEAN	
	India	
	Rest of World	
Global	Bifacial PERC Cell Market, Segmentation by Type	
	Single-glass Bifacial PERC Cell	
	Double glass Bifacial PERC Cell	
Global Bifacial PERC Cell Market, Segmentation by Application		
	Ground Power Station	
	Agriculture and Light Complementary	
	Fishing and Light Complementarity	
	Areas of Strong Diffuse Reflection	
	Urban Highway Guardrail Project	
	Others	
Companies Profiled:		
	Tongwei Solar	
	JinkoSolar	



LONGi Green Energy
Aiko Technology
Trina Solar
JA Solar
Hanwha Q CELLS
Canadian Solar Inc
Adani Solar
SunPower
Solar World
HT-SAAE
Suntech
Astronergy
Risen Energy Group
REC Solar Holdings
Akcome
Eging PV
DAS Solar
Seraphim Energy
Yingli Solar
Jinergy Solar



Talesun Solar	
Ming Hwei Energy	
Emmvee	
Jiangsu Runergy New Energy	

Key Questions Answered

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



Contents

1 SUPPLY SUMMARY

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



3 WORLD BIFACIAL PERC CELL MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Bifacial PERC Cell Production Value by Manufacturer (2018-2023)
- 3.2 World Bifacial PERC Cell Production by Manufacturer (2018-2023)
- 3.3 World Bifacial PERC Cell Average Price by Manufacturer (2018-2023)
- 3.4 Bifacial PERC Cell Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Bifacial PERC Cell Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Bifacial PERC Cell in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Bifacial PERC Cell in 2022
- 3.6 Bifacial PERC Cell Market: Overall Company Footprint Analysis
 - 3.6.1 Bifacial PERC Cell Market: Region Footprint
 - 3.6.2 Bifacial PERC Cell Market: Company Product Type Footprint
 - 3.6.3 Bifacial PERC Cell 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: Bifacial PERC Cell Production Value Comparison
- 4.1.1 United States VS China: Bifacial PERC Cell Production Value Comparison (2018 & 2022 & 2029)
- 4.1.2 United States VS China: Bifacial PERC Cell Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Bifacial PERC Cell Production Comparison
- 4.2.1 United States VS China: Bifacial PERC Cell Production Comparison (2018 & 2022 & 2029)
- 4.2.2 United States VS China: Bifacial PERC Cell Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Bifacial PERC Cell Consumption Comparison
- 4.3.1 United States VS China: Bifacial PERC Cell Consumption Comparison (2018 & 2022 & 2029)
- 4.3.2 United States VS China: Bifacial PERC Cell Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Bifacial PERC Cell Manufacturers and Market Share,



2018-2023

- 4.4.1 United States Based Bifacial PERC Cell Manufacturers, Headquarters and Production Site (States, Country)
- 4.4.2 United States Based Manufacturers Bifacial PERC Cell Production Value (2018-2023)
- 4.4.3 United States Based Manufacturers Bifacial PERC Cell Production (2018-2023)
- 4.5 China Based Bifacial PERC Cell Manufacturers and Market Share
- 4.5.1 China Based Bifacial PERC Cell Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Bifacial PERC Cell Production Value (2018-2023)
- 4.5.3 China Based Manufacturers Bifacial PERC Cell Production (2018-2023)
- 4.6 Rest of World Based Bifacial PERC Cell Manufacturers and Market Share, 2018-2023
- 4.6.1 Rest of World Based Bifacial PERC Cell Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Bifacial PERC Cell Production Value (2018-2023)
- 4.6.3 Rest of World Based Manufacturers Bifacial PERC Cell Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Bifacial PERC Cell Market Size Overview by Type: 2018 VS 2022 VS 2029
- 5.2 Segment Introduction by Type
 - 5.2.1 Single-glass Bifacial PERC Cell
 - 5.2.2 Double glass Bifacial PERC Cell
- 5.3 Market Segment by Type
 - 5.3.1 World Bifacial PERC Cell Production by Type (2018-2029)
 - 5.3.2 World Bifacial PERC Cell Production Value by Type (2018-2029)
 - 5.3.3 World Bifacial PERC Cell Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

- 6.1 World Bifacial PERC Cell Market Size Overview by Application: 2018 VS 2022 VS 2029
- 6.2 Segment Introduction by Application
 - 6.2.1 Ground Power Station
 - 6.2.2 Agriculture and Light Complementary
 - 6.2.3 Fishing and Light Complementarity
 - 6.2.4 Areas of Strong Diffuse Reflection



- 6.2.5 Urban Highway Guardrail Project
- 6.2.6 Others
- 6.3 Market Segment by Application
 - 6.3.1 World Bifacial PERC Cell Production by Application (2018-2029)
 - 6.3.2 World Bifacial PERC Cell Production Value by Application (2018-2029)
 - 6.3.3 World Bifacial PERC Cell Average Price by Application (2018-2029)

7 COMPANY PROFILES

- 7.1 Tongwei Solar
 - 7.1.1 Tongwei Solar Details
 - 7.1.2 Tongwei Solar Major Business
 - 7.1.3 Tongwei Solar Bifacial PERC Cell Product and Services
- 7.1.4 Tongwei Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.1.5 Tongwei Solar Recent Developments/Updates
 - 7.1.6 Tongwei Solar Competitive Strengths & Weaknesses
- 7.2 JinkoSolar
 - 7.2.1 JinkoSolar Details
 - 7.2.2 JinkoSolar Major Business
 - 7.2.3 JinkoSolar Bifacial PERC Cell Product and Services
- 7.2.4 JinkoSolar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.2.5 JinkoSolar Recent Developments/Updates
 - 7.2.6 JinkoSolar Competitive Strengths & Weaknesses
- 7.3 LONGi Green Energy
 - 7.3.1 LONGi Green Energy Details
 - 7.3.2 LONGi Green Energy Major Business
 - 7.3.3 LONGi Green Energy Bifacial PERC Cell Product and Services
- 7.3.4 LONGi Green Energy Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.3.5 LONGi Green Energy Recent Developments/Updates
 - 7.3.6 LONGi Green Energy Competitive Strengths & Weaknesses
- 7.4 Aiko Technology
 - 7.4.1 Aiko Technology Details
 - 7.4.2 Aiko Technology Major Business
 - 7.4.3 Aiko Technology Bifacial PERC Cell Product and Services
- 7.4.4 Aiko Technology Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)



- 7.4.5 Aiko Technology Recent Developments/Updates
- 7.4.6 Aiko Technology Competitive Strengths & Weaknesses
- 7.5 Trina Solar
 - 7.5.1 Trina Solar Details
 - 7.5.2 Trina Solar Major Business
 - 7.5.3 Trina Solar Bifacial PERC Cell Product and Services
- 7.5.4 Trina Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Trina Solar Recent Developments/Updates
 - 7.5.6 Trina Solar Competitive Strengths & Weaknesses
- 7.6 JA Solar
 - 7.6.1 JA Solar Details
 - 7.6.2 JA Solar Major Business
 - 7.6.3 JA Solar Bifacial PERC Cell Product and Services
- 7.6.4 JA Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 JA Solar Recent Developments/Updates
- 7.6.6 JA Solar Competitive Strengths & Weaknesses
- 7.7 Hanwha Q CELLS
 - 7.7.1 Hanwha Q CELLS Details
 - 7.7.2 Hanwha Q CELLS Major Business
 - 7.7.3 Hanwha Q CELLS Bifacial PERC Cell Product and Services
- 7.7.4 Hanwha Q CELLS Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Hanwha Q CELLS Recent Developments/Updates
 - 7.7.6 Hanwha Q CELLS Competitive Strengths & Weaknesses
- 7.8 Canadian Solar Inc
 - 7.8.1 Canadian Solar Inc Details
 - 7.8.2 Canadian Solar Inc Major Business
- 7.8.3 Canadian Solar Inc Bifacial PERC Cell Product and Services
- 7.8.4 Canadian Solar Inc Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Canadian Solar Inc Recent Developments/Updates
 - 7.8.6 Canadian Solar Inc Competitive Strengths & Weaknesses
- 7.9 Adani Solar
 - 7.9.1 Adani Solar Details
 - 7.9.2 Adani Solar Major Business
 - 7.9.3 Adani Solar Bifacial PERC Cell Product and Services
 - 7.9.4 Adani Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and



Market Share (2018-2023)

- 7.9.5 Adani Solar Recent Developments/Updates
- 7.9.6 Adani Solar Competitive Strengths & Weaknesses
- 7.10 SunPower
 - 7.10.1 SunPower Details
 - 7.10.2 SunPower Major Business
 - 7.10.3 SunPower Bifacial PERC Cell Product and Services
- 7.10.4 SunPower Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 SunPower Recent Developments/Updates
 - 7.10.6 SunPower Competitive Strengths & Weaknesses
- 7.11 Solar World
 - 7.11.1 Solar World Details
 - 7.11.2 Solar World Major Business
 - 7.11.3 Solar World Bifacial PERC Cell Product and Services
- 7.11.4 Solar World Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Solar World Recent Developments/Updates
 - 7.11.6 Solar World Competitive Strengths & Weaknesses
- 7.12 HT-SAAE
 - 7.12.1 HT-SAAE Details
 - 7.12.2 HT-SAAE Major Business
 - 7.12.3 HT-SAAE Bifacial PERC Cell Product and Services
- 7.12.4 HT-SAAE Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 HT-SAAE Recent Developments/Updates
 - 7.12.6 HT-SAAE Competitive Strengths & Weaknesses
- 7.13 Suntech
 - 7.13.1 Suntech Details
 - 7.13.2 Suntech Major Business
 - 7.13.3 Suntech Bifacial PERC Cell Product and Services
- 7.13.4 Suntech Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.13.5 Suntech Recent Developments/Updates
 - 7.13.6 Suntech Competitive Strengths & Weaknesses
- 7.14 Astronergy
 - 7.14.1 Astronergy Details
 - 7.14.2 Astronergy Major Business
 - 7.14.3 Astronergy Bifacial PERC Cell Product and Services



- 7.14.4 Astronergy Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.14.5 Astronergy Recent Developments/Updates
 - 7.14.6 Astronergy Competitive Strengths & Weaknesses
- 7.15 Risen Energy Group
 - 7.15.1 Risen Energy Group Details
 - 7.15.2 Risen Energy Group Major Business
 - 7.15.3 Risen Energy Group Bifacial PERC Cell Product and Services
- 7.15.4 Risen Energy Group Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 Risen Energy Group Recent Developments/Updates
 - 7.15.6 Risen Energy Group Competitive Strengths & Weaknesses
- 7.16 REC Solar Holdings
 - 7.16.1 REC Solar Holdings Details
 - 7.16.2 REC Solar Holdings Major Business
 - 7.16.3 REC Solar Holdings Bifacial PERC Cell Product and Services
- 7.16.4 REC Solar Holdings Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 REC Solar Holdings Recent Developments/Updates
 - 7.16.6 REC Solar Holdings Competitive Strengths & Weaknesses
- 7.17 Akcome
 - 7.17.1 Akcome Details
 - 7.17.2 Akcome Major Business
 - 7.17.3 Akcome Bifacial PERC Cell Product and Services
- 7.17.4 Akcome Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 Akcome Recent Developments/Updates
 - 7.17.6 Akcome Competitive Strengths & Weaknesses
- 7.18 Eging PV
 - 7.18.1 Eging PV Details
 - 7.18.2 Eging PV Major Business
 - 7.18.3 Eging PV Bifacial PERC Cell Product and Services
- 7.18.4 Eging PV Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.18.5 Eging PV Recent Developments/Updates
 - 7.18.6 Eging PV Competitive Strengths & Weaknesses
- 7.19 DAS Solar
 - 7.19.1 DAS Solar Details
 - 7.19.2 DAS Solar Major Business



- 7.19.3 DAS Solar Bifacial PERC Cell Product and Services
- 7.19.4 DAS Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.19.5 DAS Solar Recent Developments/Updates
 - 7.19.6 DAS Solar Competitive Strengths & Weaknesses
- 7.20 Seraphim Energy
 - 7.20.1 Seraphim Energy Details
 - 7.20.2 Seraphim Energy Major Business
 - 7.20.3 Seraphim Energy Bifacial PERC Cell Product and Services
- 7.20.4 Seraphim Energy Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.20.5 Seraphim Energy Recent Developments/Updates
 - 7.20.6 Seraphim Energy Competitive Strengths & Weaknesses
- 7.21 Yingli Solar
 - 7.21.1 Yingli Solar Details
 - 7.21.2 Yingli Solar Major Business
 - 7.21.3 Yingli Solar Bifacial PERC Cell Product and Services
- 7.21.4 Yingli Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.21.5 Yingli Solar Recent Developments/Updates
 - 7.21.6 Yingli Solar Competitive Strengths & Weaknesses
- 7.22 Jinergy Solar
 - 7.22.1 Jinergy Solar Details
 - 7.22.2 Jinergy Solar Major Business
 - 7.22.3 Jinergy Solar Bifacial PERC Cell Product and Services
- 7.22.4 Jinergy Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.22.5 Jinergy Solar Recent Developments/Updates
 - 7.22.6 Jinergy Solar Competitive Strengths & Weaknesses
- 7.23 Talesun Solar
 - 7.23.1 Talesun Solar Details
 - 7.23.2 Talesun Solar Major Business
 - 7.23.3 Talesun Solar Bifacial PERC Cell Product and Services
- 7.23.4 Talesun Solar Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.23.5 Talesun Solar Recent Developments/Updates
 - 7.23.6 Talesun Solar Competitive Strengths & Weaknesses
- 7.24 Ming Hwei Energy
- 7.24.1 Ming Hwei Energy Details



- 7.24.2 Ming Hwei Energy Major Business
- 7.24.3 Ming Hwei Energy Bifacial PERC Cell Product and Services
- 7.24.4 Ming Hwei Energy Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.24.5 Ming Hwei Energy Recent Developments/Updates
- 7.24.6 Ming Hwei Energy Competitive Strengths & Weaknesses
- 7.25 Emmyee
 - 7.25.1 Emmvee Details
 - 7.25.2 Emmvee Major Business
 - 7.25.3 Emmvee Bifacial PERC Cell Product and Services
- 7.25.4 Emmvee Bifacial PERC Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.25.5 Emmvee Recent Developments/Updates
 - 7.25.6 Emmvee Competitive Strengths & Weaknesses
- 7.26 Jiangsu Runergy New Energy
 - 7.26.1 Jiangsu Runergy New Energy Details
 - 7.26.2 Jiangsu Runergy New Energy Major Business
 - 7.26.3 Jiangsu Runergy New Energy Bifacial PERC Cell Product and Services
- 7.26.4 Jiangsu Runergy New Energy Bifacial PERC Cell Production, Price, Value,

Gross Margin and Market Share (2018-2023)

- 7.26.5 Jiangsu Runergy New Energy Recent Developments/Updates
- 7.26.6 Jiangsu Runergy New Energy Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

- 8.1 Bifacial PERC Cell Industry Chain
- 8.2 Bifacial PERC Cell Upstream Analysis
- 8.2.1 Bifacial PERC Cell Core Raw Materials
- 8.2.2 Main Manufacturers of Bifacial PERC Cell Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Bifacial PERC Cell Production Mode
- 8.6 Bifacial PERC Cell Procurement Model
- 8.7 Bifacial PERC Cell Industry Sales Model and Sales Channels
 - 8.7.1 Bifacial PERC Cell Sales Model
 - 8.7.2 Bifacial PERC Cell 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 Bifacial PERC Cell Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Bifacial PERC Cell Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Bifacial PERC Cell Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Bifacial PERC Cell Production Value Market Share by Region (2018-2023)
- Table 5. World Bifacial PERC Cell Production Value Market Share by Region (2024-2029)
- Table 6. World Bifacial PERC Cell Production by Region (2018-2023) & (K Units)
- Table 7. World Bifacial PERC Cell Production by Region (2024-2029) & (K Units)
- Table 8. World Bifacial PERC Cell Production Market Share by Region (2018-2023)
- Table 9. World Bifacial PERC Cell Production Market Share by Region (2024-2029)
- Table 10. World Bifacial PERC Cell Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World Bifacial PERC Cell Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. Bifacial PERC Cell Major Market Trends
- Table 13. World Bifacial PERC Cell Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World Bifacial PERC Cell Consumption by Region (2018-2023) & (K Units)
- Table 15. World Bifacial PERC Cell Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World Bifacial PERC Cell Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Bifacial PERC Cell Producers in 2022
- Table 18. World Bifacial PERC Cell Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key Bifacial PERC Cell Producers in 2022
- Table 20. World Bifacial PERC Cell Average Price by Manufacturer (2018-2023) & (US\$/Unit)
- Table 21. Global Bifacial PERC Cell Company Evaluation Quadrant
- Table 22. World Bifacial PERC Cell Industry Rank of Major Manufacturers, Based on Production Value in 2022
- Table 23. Head Office and Bifacial PERC Cell Production Site of Key Manufacturer
- Table 24. Bifacial PERC Cell Market: Company Product Type Footprint



- Table 25. Bifacial PERC Cell Market: Company Product Application Footprint
- Table 26. Bifacial PERC Cell Competitive Factors
- Table 27. Bifacial PERC Cell New Entrant and Capacity Expansion Plans
- Table 28. Bifacial PERC Cell Mergers & Acquisitions Activity
- Table 29. United States VS China Bifacial PERC Cell Production Value Comparison,
- (2018 & 2022 & 2029) & (USD Million)
- Table 30. United States VS China Bifacial PERC Cell Production Comparison, (2018 & 2022 & 2029) & (K Units)
- Table 31. United States VS China Bifacial PERC Cell Consumption Comparison, (2018 & 2022 & 2029) & (K Units)
- Table 32. United States Based Bifacial PERC Cell Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Bifacial PERC Cell Production Value, (2018-2023) & (USD Million)
- Table 34. United States Based Manufacturers Bifacial PERC Cell Production Value Market Share (2018-2023)
- Table 35. United States Based Manufacturers Bifacial PERC Cell Production (2018-2023) & (K Units)
- Table 36. United States Based Manufacturers Bifacial PERC Cell Production Market Share (2018-2023)
- Table 37. China Based Bifacial PERC Cell Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Bifacial PERC Cell Production Value, (2018-2023) & (USD Million)
- Table 39. China Based Manufacturers Bifacial PERC Cell Production Value Market Share (2018-2023)
- Table 40. China Based Manufacturers Bifacial PERC Cell Production (2018-2023) & (K Units)
- Table 41. China Based Manufacturers Bifacial PERC Cell Production Market Share (2018-2023)
- Table 42. Rest of World Based Bifacial PERC Cell Manufacturers, Headquarters and Production Site (States, Country)
- Table 43. Rest of World Based Manufacturers Bifacial PERC Cell Production Value, (2018-2023) & (USD Million)
- Table 44. Rest of World Based Manufacturers Bifacial PERC Cell Production Value Market Share (2018-2023)
- Table 45. Rest of World Based Manufacturers Bifacial PERC Cell Production (2018-2023) & (K Units)
- Table 46. Rest of World Based Manufacturers Bifacial PERC Cell Production Market



Share (2018-2023)

Table 47. World Bifacial PERC Cell Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Bifacial PERC Cell Production by Type (2018-2023) & (K Units)

Table 49. World Bifacial PERC Cell Production by Type (2024-2029) & (K Units)

Table 50. World Bifacial PERC Cell Production Value by Type (2018-2023) & (USD Million)

Table 51. World Bifacial PERC Cell Production Value by Type (2024-2029) & (USD Million)

Table 52. World Bifacial PERC Cell Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Bifacial PERC Cell Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Bifacial PERC Cell Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Bifacial PERC Cell Production by Application (2018-2023) & (K Units)

Table 56. World Bifacial PERC Cell Production by Application (2024-2029) & (K Units)

Table 57. World Bifacial PERC Cell Production Value by Application (2018-2023) & (USD Million)

Table 58. World Bifacial PERC Cell Production Value by Application (2024-2029) & (USD Million)

Table 59. World Bifacial PERC Cell Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Bifacial PERC Cell Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Tongwei Solar Basic Information, Manufacturing Base and Competitors

Table 62. Tongwei Solar Major Business

Table 63. Tongwei Solar Bifacial PERC Cell Product and Services

Table 64. Tongwei Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Tongwei Solar Recent Developments/Updates

Table 66. Tongwei Solar Competitive Strengths & Weaknesses

Table 67. JinkoSolar Basic Information, Manufacturing Base and Competitors

Table 68. JinkoSolar Major Business

Table 69. JinkoSolar Bifacial PERC Cell Product and Services

Table 70. JinkoSolar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. JinkoSolar Recent Developments/Updates

Table 72. JinkoSolar Competitive Strengths & Weaknesses

Table 73. LONGi Green Energy Basic Information, Manufacturing Base and Competitors



Table 74. LONGi Green Energy Major Business

Table 75. LONGi Green Energy Bifacial PERC Cell Product and Services

Table 76. LONGi Green Energy Bifacial PERC Cell Production (K Units), Price

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

Table 77. LONGi Green Energy Recent Developments/Updates

Table 78. LONGi Green Energy Competitive Strengths & Weaknesses

Table 79. Aiko Technology Basic Information, Manufacturing Base and Competitors

Table 80. Aiko Technology Major Business

Table 81. Aiko Technology Bifacial PERC Cell Product and Services

Table 82. Aiko Technology Bifacial PERC Cell Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Aiko Technology Recent Developments/Updates

Table 84. Aiko Technology Competitive Strengths & Weaknesses

Table 85. Trina Solar Basic Information, Manufacturing Base and Competitors

Table 86. Trina Solar Major Business

Table 87. Trina Solar Bifacial PERC Cell Product and Services

Table 88. Trina Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Trina Solar Recent Developments/Updates

Table 90. Trina Solar Competitive Strengths & Weaknesses

Table 91. JA Solar Basic Information, Manufacturing Base and Competitors

Table 92. JA Solar Major Business

Table 93. JA Solar Bifacial PERC Cell Product and Services

Table 94. JA Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. JA Solar Recent Developments/Updates

Table 96. JA Solar Competitive Strengths & Weaknesses

Table 97. Hanwha Q CELLS Basic Information, Manufacturing Base and Competitors

Table 98. Hanwha Q CELLS Major Business

Table 99. Hanwha Q CELLS Bifacial PERC Cell Product and Services

Table 100. Hanwha Q CELLS Bifacial PERC Cell Production (K Units), Price

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

Table 101. Hanwha Q CELLS Recent Developments/Updates

Table 102. Hanwha Q CELLS Competitive Strengths & Weaknesses

Table 103. Canadian Solar Inc Basic Information, Manufacturing Base and Competitors

Table 104. Canadian Solar Inc Major Business

Table 105. Canadian Solar Inc Bifacial PERC Cell Product and Services



- Table 106. Canadian Solar Inc Bifacial PERC Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Canadian Solar Inc Recent Developments/Updates
- Table 108. Canadian Solar Inc Competitive Strengths & Weaknesses
- Table 109. Adani Solar Basic Information, Manufacturing Base and Competitors
- Table 110. Adani Solar Major Business
- Table 111. Adani Solar Bifacial PERC Cell Product and Services
- Table 112. Adani Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Adani Solar Recent Developments/Updates
- Table 114. Adani Solar Competitive Strengths & Weaknesses
- Table 115. SunPower Basic Information, Manufacturing Base and Competitors
- Table 116. SunPower Major Business
- Table 117. SunPower Bifacial PERC Cell Product and Services
- Table 118. SunPower Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 119. SunPower Recent Developments/Updates
- Table 120. SunPower Competitive Strengths & Weaknesses
- Table 121. Solar World Basic Information, Manufacturing Base and Competitors
- Table 122. Solar World Major Business
- Table 123. Solar World Bifacial PERC Cell Product and Services
- Table 124. Solar World Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. Solar World Recent Developments/Updates
- Table 126. Solar World Competitive Strengths & Weaknesses
- Table 127. HT-SAAE Basic Information, Manufacturing Base and Competitors
- Table 128. HT-SAAE Major Business
- Table 129. HT-SAAE Bifacial PERC Cell Product and Services
- Table 130. HT-SAAE Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. HT-SAAE Recent Developments/Updates
- Table 132. HT-SAAE Competitive Strengths & Weaknesses
- Table 133. Suntech Basic Information, Manufacturing Base and Competitors
- Table 134. Suntech Major Business
- Table 135. Suntech Bifacial PERC Cell Product and Services
- Table 136. Suntech Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. Suntech Recent Developments/Updates



- Table 138. Suntech Competitive Strengths & Weaknesses
- Table 139. Astronergy Basic Information, Manufacturing Base and Competitors
- Table 140. Astronergy Major Business
- Table 141. Astronergy Bifacial PERC Cell Product and Services
- Table 142. Astronergy Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Astronergy Recent Developments/Updates
- Table 144. Astronergy Competitive Strengths & Weaknesses
- Table 145. Risen Energy Group Basic Information, Manufacturing Base and Competitors
- Table 146. Risen Energy Group Major Business
- Table 147. Risen Energy Group Bifacial PERC Cell Product and Services
- Table 148. Risen Energy Group Bifacial PERC Cell Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. Risen Energy Group Recent Developments/Updates
- Table 150. Risen Energy Group Competitive Strengths & Weaknesses
- Table 151. REC Solar Holdings Basic Information, Manufacturing Base and Competitors
- Table 152. REC Solar Holdings Major Business
- Table 153. REC Solar Holdings Bifacial PERC Cell Product and Services
- Table 154. REC Solar Holdings Bifacial PERC Cell Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 155. REC Solar Holdings Recent Developments/Updates
- Table 156. REC Solar Holdings Competitive Strengths & Weaknesses
- Table 157. Akcome Basic Information, Manufacturing Base and Competitors
- Table 158. Akcome Major Business
- Table 159. Akcome Bifacial PERC Cell Product and Services
- Table 160. Akcome Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 161. Akcome Recent Developments/Updates
- Table 162. Akcome Competitive Strengths & Weaknesses
- Table 163. Eging PV Basic Information, Manufacturing Base and Competitors
- Table 164. Eging PV Major Business
- Table 165. Eging PV Bifacial PERC Cell Product and Services
- Table 166. Eging PV Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 167. Eging PV Recent Developments/Updates
- Table 168. Eging PV Competitive Strengths & Weaknesses



- Table 169. DAS Solar Basic Information, Manufacturing Base and Competitors
- Table 170. DAS Solar Major Business
- Table 171. DAS Solar Bifacial PERC Cell Product and Services
- Table 172. DAS Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 173. DAS Solar Recent Developments/Updates
- Table 174. DAS Solar Competitive Strengths & Weaknesses
- Table 175. Seraphim Energy Basic Information, Manufacturing Base and Competitors
- Table 176. Seraphim Energy Major Business
- Table 177. Seraphim Energy Bifacial PERC Cell Product and Services
- Table 178. Seraphim Energy Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 179. Seraphim Energy Recent Developments/Updates
- Table 180. Seraphim Energy Competitive Strengths & Weaknesses
- Table 181. Yingli Solar Basic Information, Manufacturing Base and Competitors
- Table 182. Yingli Solar Major Business
- Table 183. Yingli Solar Bifacial PERC Cell Product and Services
- Table 184. Yingli Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 185. Yingli Solar Recent Developments/Updates
- Table 186. Yingli Solar Competitive Strengths & Weaknesses
- Table 187. Jinergy Solar Basic Information, Manufacturing Base and Competitors
- Table 188. Jinergy Solar Major Business
- Table 189. Jinergy Solar Bifacial PERC Cell Product and Services
- Table 190. Jinergy Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 191. Jinergy Solar Recent Developments/Updates
- Table 192. Jinergy Solar Competitive Strengths & Weaknesses
- Table 193. Talesun Solar Basic Information, Manufacturing Base and Competitors
- Table 194. Talesun Solar Major Business
- Table 195. Talesun Solar Bifacial PERC Cell Product and Services
- Table 196. Talesun Solar Bifacial PERC Cell Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 197. Talesun Solar Recent Developments/Updates
- Table 198. Talesun Solar Competitive Strengths & Weaknesses
- Table 199. Ming Hwei Energy Basic Information, Manufacturing Base and Competitors
- Table 200. Ming Hwei Energy Major Business
- Table 201. Ming Hwei Energy Bifacial PERC Cell Product and Services
- Table 202. Ming Hwei Energy Bifacial PERC Cell Production (K Units), Price (US\$/Unit),



Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 203. Ming Hwei Energy Recent Developments/Updates

Table 204. Ming Hwei Energy Competitive Strengths & Weaknesses

Table 205. Emmvee Basic Information, Manufacturing Base and Competitors

Table 206. Emmvee Major Business

Table 207. Emmvee Bifacial PERC Cell Product and Services

Table 208. Emmvee Bifacial PERC Cell Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 209. Emmvee Recent Developments/Updates

Table 210. Jiangsu Runergy New Energy Basic Information, Manufacturing Base and Competitors

Table 211. Jiangsu Runergy New Energy Major Business

Table 212. Jiangsu Runergy New Energy Bifacial PERC Cell Product and Services

Table 213. Jiangsu Runergy New Energy Bifacial PERC Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 214. Global Key Players of Bifacial PERC Cell Upstream (Raw Materials)

Table 215. Bifacial PERC Cell Typical Customers

Table 216. Bifacial PERC Cell Typical Distributors



List Of Figures

LIST OF FIGURES

- Figure 1. Bifacial PERC Cell Picture
- Figure 2. World Bifacial PERC Cell Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Bifacial PERC Cell Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Bifacial PERC Cell Production (2018-2029) & (K Units)
- Figure 5. World Bifacial PERC Cell Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Bifacial PERC Cell Production Value Market Share by Region (2018-2029)
- Figure 7. World Bifacial PERC Cell Production Market Share by Region (2018-2029)
- Figure 8. North America Bifacial PERC Cell Production (2018-2029) & (K Units)
- Figure 9. Europe Bifacial PERC Cell Production (2018-2029) & (K Units)
- Figure 10. China Bifacial PERC Cell Production (2018-2029) & (K Units)
- Figure 11. Japan Bifacial PERC Cell Production (2018-2029) & (K Units)
- Figure 12. Bifacial PERC Cell Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 15. World Bifacial PERC Cell Consumption Market Share by Region (2018-2029)
- Figure 16. United States Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 17. China Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 18. Europe Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 19. Japan Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 20. South Korea Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 21. ASEAN Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 22. India Bifacial PERC Cell Consumption (2018-2029) & (K Units)
- Figure 23. Producer Shipments of Bifacial PERC Cell by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Bifacial PERC Cell Markets in 2022
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Bifacial PERC Cell Markets in 2022
- Figure 26. United States VS China: Bifacial PERC Cell Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: Bifacial PERC Cell Production Market Share Comparison (2018 & 2022 & 2029)



Figure 28. United States VS China: Bifacial PERC Cell Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Bifacial PERC Cell Production Market Share 2022

Figure 30. China Based Manufacturers Bifacial PERC Cell Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Bifacial PERC Cell Production Market Share 2022

Figure 32. World Bifacial PERC Cell Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Bifacial PERC Cell Production Value Market Share by Type in 2022

Figure 34. Single-glass Bifacial PERC Cell

Figure 35. Double glass Bifacial PERC Cell

Figure 36. World Bifacial PERC Cell Production Market Share by Type (2018-2029)

Figure 37. World Bifacial PERC Cell Production Value Market Share by Type (2018-2029)

Figure 38. World Bifacial PERC Cell Average Price by Type (2018-2029) & (US\$/Unit)

Figure 39. World Bifacial PERC Cell Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Bifacial PERC Cell Production Value Market Share by Application in 2022

Figure 41. Ground Power Station

Figure 42. Agriculture and Light Complementary

Figure 43. Fishing and Light Complementarity

Figure 44. Areas of Strong Diffuse Reflection

Figure 45. Urban Highway Guardrail Project

Figure 46. Others

Figure 47. World Bifacial PERC Cell Production Market Share by Application (2018-2029)

Figure 48. World Bifacial PERC Cell Production Value Market Share by Application (2018-2029)

Figure 49. World Bifacial PERC Cell Average Price by Application (2018-2029) & (US\$/Unit)

Figure 50. Bifacial PERC Cell Industry Chain

Figure 51. Bifacial PERC Cell Procurement Model

Figure 52. Bifacial PERC Cell Sales Model

Figure 53. Bifacial PERC Cell Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source



I would like to order

Product name: Global Bifacial PERC Cell Supply, Demand and Key Producers, 2023-2029

Product link: https://marketpublishers.com/r/G9E13CCB0F72EN.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/G9E13CCB0F72EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970