

Global Solar Cell Module Automated Production Equipment Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G5661F1F01FAEN.html>

Date: June 2026

Pages: 124

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

ID: G5661F1F01FAEN

Abstracts

The global Solar Cell Module Automated Production Equipment market size is expected to reach \$ 13149 million by 2032, rising at a market growth of 3.9% CAGR during the forecast period (2026-2032).

Automated production equipment for solar modules refers to fully or semi-automated machinery utilized for the encapsulation, soldering, lamination, sorting, and assembly of photovoltaic (PV) cells. Its primary objectives are to enhance production efficiency, ensure product consistency, and reduce labor costs. The upstream sector comprises servo motors, PLCs, vision systems, lasers, sensors, pneumatic components, mechanical structural parts, and software control systems; the downstream sector consists of PV module manufacturers, PV power plants, distributed PV systems, BIPV projects, and new energy investment and operating companies.

The global market for automated solar module production equipment commands an average unit price of \$3.78 million per set, with global sales totaling approximately 2,583 sets. Production is driven by annual contract orders, and the industry maintains a profit margin of approximately 15%.

Looking ahead, the global market for automated solar module production equipment is poised to expand in tandem with the continuous growth in installed PV capacity. The rising demand for high-efficiency, intelligent, and flexible equipment will drive the industry toward modular, scalable, and digitized solutions. Technologies such as artificial intelligence (AI), machine vision, and the Internet of Things (IoT) are expected to be widely adopted to enhance production line stability and yield rates. Concurrently, green manufacturing and energy conservation?along with emission reduction?will

emerge as key priorities for industry development. Market concentration is projected to increase gradually, as leading enterprises leverage technological innovation and comprehensive service systems to consolidate their competitive advantages.

This report studies the global Solar Cell Module Automated Production Equipment production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Solar Cell Module Automated Production Equipment and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Solar Cell Module Automated Production Equipment that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Solar Cell Module Automated Production Equipment total production and demand, 2021-2032, (Units)

Global Solar Cell Module Automated Production Equipment total production value, 2021-2032, (USD Million)

Global Solar Cell Module Automated Production Equipment production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Solar Cell Module Automated Production Equipment consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Solar Cell Module Automated Production Equipment domestic production, consumption, key domestic manufacturers and share

Global Solar Cell Module Automated Production Equipment production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Solar Cell Module Automated Production Equipment production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Solar Cell Module Automated Production Equipment production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Solar Cell Module Automated Production Equipment 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 SEMIPHOTON,

XENON Automation, Ooitech, Wuxi Bluemann Solutions, SC Solar, NPC Group, LEAD Intelligent, Changzhou Pingyu Automation, Wuxi Superunion, J.v.G. Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Solar Cell Module Automated Production Equipment market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Solar Cell Module Automated Production Equipment Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Solar Cell Module Automated Production Equipment Market, Segmentation by Type:

Single-Glass Module Equipment

Double-Glass Module Equipment

Others

Global Solar Cell Module Automated Production Equipment Market, Segmentation by Solar Cell Technology:

PERC Module Equipment

TOPCon Module Equipment

HJT Module Equipment

IBC Module Equipment

BC-type Module Equipment

Perovskite and Tandem Cell Module Equipment

Global Solar Cell Module Automated Production Equipment Market, Segmentation by Level of Automation:

Fully Automated Production Lines

Semi-automated Equipment

Modular, Flexible Equipment

Global Solar Cell Module Automated Production Equipment Market, Segmentation by Application:

Standard Ground-Mounted PV Module Production Lines

Building-Integrated PV (BIPV) Module Manufacturing Equipment

Vehicle-Mounted and Marine PV Production Equipment

Aerospace and Specialized PV Module Equipment

Others

Companies Profiled:

SEMIPHOTON

XENON Automation

Ooitech

Wuxi Bluemann Solutions

SC Solar

NPC Group

LEAD Intelligent

Changzhou Pingyu Automation

Wuxi Superunion

J.v.G. Technology

Centrotherm

Singulus Technologies

Mondragon Assembly

Ecoprogetti

Key Questions Answered:

1. How big is the global Solar Cell Module Automated Production Equipment market?
2. What is the demand of the global Solar Cell Module Automated Production Equipment market?
3. What is the year over year growth of the global Solar Cell Module Automated Production Equipment market?
4. What is the production and production value of the global Solar Cell Module Automated Production Equipment market?
5. Who are the key producers in the global Solar Cell Module Automated Production Equipment market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Solar Cell Module Automated Production Equipment Introduction
- 1.2 World Solar Cell Module Automated Production Equipment Supply & Forecast
 - 1.2.1 World Solar Cell Module Automated Production Equipment Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Solar Cell Module Automated Production Equipment Production (2021-2032)
 - 1.2.3 World Solar Cell Module Automated Production Equipment Pricing Trends (2021-2032)
- 1.3 World Solar Cell Module Automated Production Equipment Production by Region (Based on Production Site)
 - 1.3.1 World Solar Cell Module Automated Production Equipment Production Value by Region (2021-2032)
 - 1.3.2 World Solar Cell Module Automated Production Equipment Production by Region (2021-2032)
 - 1.3.3 World Solar Cell Module Automated Production Equipment Average Price by Region (2021-2032)
 - 1.3.4 North America Solar Cell Module Automated Production Equipment Production (2021-2032)
 - 1.3.5 Europe Solar Cell Module Automated Production Equipment Production (2021-2032)
 - 1.3.6 China Solar Cell Module Automated Production Equipment Production (2021-2032)
 - 1.3.7 Japan Solar Cell Module Automated Production Equipment Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Solar Cell Module Automated Production Equipment Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Solar Cell Module Automated Production Equipment Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Solar Cell Module Automated Production Equipment Demand (2021-2032)
- 2.2 World Solar Cell Module Automated Production Equipment Consumption by Region
 - 2.2.1 World Solar Cell Module Automated Production Equipment Consumption by Region (2021-2026)

2.2.2 World Solar Cell Module Automated Production Equipment Consumption Forecast by Region (2027-2032)

2.3 United States Solar Cell Module Automated Production Equipment Consumption (2021-2032)

2.4 China Solar Cell Module Automated Production Equipment Consumption (2021-2032)

2.5 Europe Solar Cell Module Automated Production Equipment Consumption (2021-2032)

2.6 Japan Solar Cell Module Automated Production Equipment Consumption (2021-2032)

2.7 South Korea Solar Cell Module Automated Production Equipment Consumption (2021-2032)

2.8 ASEAN Solar Cell Module Automated Production Equipment Consumption (2021-2032)

2.9 India Solar Cell Module Automated Production Equipment Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Solar Cell Module Automated Production Equipment Production Value by Manufacturer (2021-2026)

3.2 World Solar Cell Module Automated Production Equipment Production by Manufacturer (2021-2026)

3.3 World Solar Cell Module Automated Production Equipment Average Price by Manufacturer (2021-2026)

3.4 Solar Cell Module Automated Production Equipment Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Solar Cell Module Automated Production Equipment Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Solar Cell Module Automated Production Equipment in 2025

3.5.3 Global Concentration Ratios (CR8) for Solar Cell Module Automated Production Equipment in 2025

3.6 Solar Cell Module Automated Production Equipment Market: Overall Company Footprint Analysis

3.6.1 Solar Cell Module Automated Production Equipment Market: Region Footprint

3.6.2 Solar Cell Module Automated Production Equipment Market: Company Product Type Footprint

3.6.3 Solar Cell Module Automated Production Equipment 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: Solar Cell Module Automated Production Equipment Production Value Comparison

4.1.1 United States VS China: Solar Cell Module Automated Production Equipment Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Solar Cell Module Automated Production Equipment Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Solar Cell Module Automated Production Equipment Production Comparison

4.2.1 United States VS China: Solar Cell Module Automated Production Equipment Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Solar Cell Module Automated Production Equipment Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Solar Cell Module Automated Production Equipment Consumption Comparison

4.3.1 United States VS China: Solar Cell Module Automated Production Equipment Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Solar Cell Module Automated Production Equipment Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Solar Cell Module Automated Production Equipment Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Solar Cell Module Automated Production Equipment Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Solar Cell Module Automated Production Equipment Production Value (2021-2026)

4.4.3 United States Based Manufacturers Solar Cell Module Automated Production Equipment Production (2021-2026)

4.5 China Based Solar Cell Module Automated Production Equipment Manufacturers and Market Share

4.5.1 China Based Solar Cell Module Automated Production Equipment Manufacturers,

Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Solar Cell Module Automated Production Equipment Production Value (2021-2026)

4.5.3 China Based Manufacturers Solar Cell Module Automated Production Equipment Production (2021-2026)

4.6 Rest of World Based Solar Cell Module Automated Production Equipment Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Solar Cell Module Automated Production Equipment Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Solar Cell Module Automated Production Equipment Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Solar Cell Module Automated Production Equipment Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Solar Cell Module Automated Production Equipment Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Single-Glass Module Equipment

5.2.2 Double-Glass Module Equipment

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Solar Cell Module Automated Production Equipment Production by Type (2021-2032)

5.3.2 World Solar Cell Module Automated Production Equipment Production Value by Type (2021-2032)

5.3.3 World Solar Cell Module Automated Production Equipment Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY SOLAR CELL TECHNOLOGY

6.1 World Solar Cell Module Automated Production Equipment Market Size Overview by Solar Cell Technology: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Solar Cell Technology

6.2.1 PERC Module Equipment

6.2.2 TOPCon Module Equipment

6.2.3 HJT Module Equipment

6.2.4 IBC Module Equipment

6.2.5 BC-type Module Equipment

6.2.6 Perovskite and Tandem Cell Module Equipment

6.3 Market Segment by Solar Cell Technology

6.3.1 World Solar Cell Module Automated Production Equipment Production by Solar Cell Technology (2021-2032)

6.3.2 World Solar Cell Module Automated Production Equipment Production Value by Solar Cell Technology (2021-2032)

6.3.3 World Solar Cell Module Automated Production Equipment Average Price by Solar Cell Technology (2021-2032)

7 MARKET ANALYSIS BY LEVEL OF AUTOMATION

7.1 World Solar Cell Module Automated Production Equipment Market Size Overview by Level of Automation: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Level of Automation

7.2.1 Fully Automated Production Lines

7.2.2 Semi-automated Equipment

7.2.3 Modular, Flexible Equipment

7.3 Market Segment by Level of Automation

7.3.1 World Solar Cell Module Automated Production Equipment Production by Level of Automation (2021-2032)

7.3.2 World Solar Cell Module Automated Production Equipment Production Value by Level of Automation (2021-2032)

7.3.3 World Solar Cell Module Automated Production Equipment Average Price by Level of Automation (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Solar Cell Module Automated Production Equipment Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Standard Ground-Mounted PV Module Production Lines

8.2.2 Building-Integrated PV (BIPV) Module Manufacturing Equipment

8.2.3 Vehicle-Mounted and Marine PV Production Equipment

8.2.4 Aerospace and Specialized PV Module Equipment

8.2.5 Others

8.3 Market Segment by Application

8.3.1 World Solar Cell Module Automated Production Equipment Production by Application (2021-2032)

8.3.2 World Solar Cell Module Automated Production Equipment Production Value by Application (2021-2032)

8.3.3 World Solar Cell Module Automated Production Equipment Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 SEMIPHOTON

9.1.1 SEMIPHOTON Details

9.1.2 SEMIPHOTON Major Business

9.1.3 SEMIPHOTON Solar Cell Module Automated Production Equipment Product and Services

9.1.4 SEMIPHOTON Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 SEMIPHOTON Recent Developments/Updates

9.1.6 SEMIPHOTON Competitive Strengths & Weaknesses

9.2 XENON Automation

9.2.1 XENON Automation Details

9.2.2 XENON Automation Major Business

9.2.3 XENON Automation Solar Cell Module Automated Production Equipment Product and Services

9.2.4 XENON Automation Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 XENON Automation Recent Developments/Updates

9.2.6 XENON Automation Competitive Strengths & Weaknesses

9.3 Ooitech

9.3.1 Ooitech Details

9.3.2 Ooitech Major Business

9.3.3 Ooitech Solar Cell Module Automated Production Equipment Product and Services

9.3.4 Ooitech Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Ooitech Recent Developments/Updates

9.3.6 Ooitech Competitive Strengths & Weaknesses

9.4 Wuxi Bluemann Solutions

9.4.1 Wuxi Bluemann Solutions Details

9.4.2 Wuxi Bluemann Solutions Major Business

9.4.3 Wuxi Bluemann Solutions Solar Cell Module Automated Production Equipment Product and Services

9.4.4 Wuxi Bluemann Solutions Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Wuxi Bluemann Solutions Recent Developments/Updates

9.4.6 Wuxi Bluemann Solutions Competitive Strengths & Weaknesses

9.5 SC Solar

9.5.1 SC Solar Details

9.5.2 SC Solar Major Business

9.5.3 SC Solar Solar Cell Module Automated Production Equipment Product and Services

9.5.4 SC Solar Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 SC Solar Recent Developments/Updates

9.5.6 SC Solar Competitive Strengths & Weaknesses

9.6 NPC Group

9.6.1 NPC Group Details

9.6.2 NPC Group Major Business

9.6.3 NPC Group Solar Cell Module Automated Production Equipment Product and Services

9.6.4 NPC Group Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 NPC Group Recent Developments/Updates

9.6.6 NPC Group Competitive Strengths & Weaknesses

9.7 LEAD Intelligent

9.7.1 LEAD Intelligent Details

9.7.2 LEAD Intelligent Major Business

9.7.3 LEAD Intelligent Solar Cell Module Automated Production Equipment Product and Services

9.7.4 LEAD Intelligent Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 LEAD Intelligent Recent Developments/Updates

9.7.6 LEAD Intelligent Competitive Strengths & Weaknesses

9.8 Changzhou Pingyu Automation

9.8.1 Changzhou Pingyu Automation Details

9.8.2 Changzhou Pingyu Automation Major Business

9.8.3 Changzhou Pingyu Automation Solar Cell Module Automated Production Equipment Product and Services

9.8.4 Changzhou Pingyu Automation Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Changzhou Pingyu Automation Recent Developments/Updates

9.8.6 Changzhou Pingyu Automation Competitive Strengths & Weaknesses

9.9 Wuxi Superunion

9.9.1 Wuxi Superunion Details

9.9.2 Wuxi Superunion Major Business

9.9.3 Wuxi Superunion Solar Cell Module Automated Production Equipment Product and Services

9.9.4 Wuxi Superunion Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 Wuxi Superunion Recent Developments/Updates

9.9.6 Wuxi Superunion Competitive Strengths & Weaknesses

9.10 J.v.G. Technology

9.10.1 J.v.G. Technology Details

9.10.2 J.v.G. Technology Major Business

9.10.3 J.v.G. Technology Solar Cell Module Automated Production Equipment Product and Services

9.10.4 J.v.G. Technology Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 J.v.G. Technology Recent Developments/Updates

9.10.6 J.v.G. Technology Competitive Strengths & Weaknesses

9.11 Centrotherm

9.11.1 Centrotherm Details

9.11.2 Centrotherm Major Business

9.11.3 Centrotherm Solar Cell Module Automated Production Equipment Product and Services

9.11.4 Centrotherm Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 Centrotherm Recent Developments/Updates

9.11.6 Centrotherm Competitive Strengths & Weaknesses

9.12 Singulus Technologies

9.12.1 Singulus Technologies Details

9.12.2 Singulus Technologies Major Business

9.12.3 Singulus Technologies Solar Cell Module Automated Production Equipment Product and Services

9.12.4 Singulus Technologies Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Singulus Technologies Recent Developments/Updates

9.12.6 Singulus Technologies Competitive Strengths & Weaknesses

9.13 Mondragon Assembly

9.13.1 Mondragon Assembly Details

- 9.13.2 Mondragon Assembly Major Business
- 9.13.3 Mondragon Assembly Solar Cell Module Automated Production Equipment Product and Services
- 9.13.4 Mondragon Assembly Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.13.5 Mondragon Assembly Recent Developments/Updates
- 9.13.6 Mondragon Assembly Competitive Strengths & Weaknesses
- 9.14 Ecoprogetti
- 9.14.1 Ecoprogetti Details
- 9.14.2 Ecoprogetti Major Business
- 9.14.3 Ecoprogetti Solar Cell Module Automated Production Equipment Product and Services
- 9.14.4 Ecoprogetti Solar Cell Module Automated Production Equipment Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.14.5 Ecoprogetti Recent Developments/Updates
- 9.14.6 Ecoprogetti Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Solar Cell Module Automated Production Equipment Industry Chain
- 10.2 Solar Cell Module Automated Production Equipment Upstream Analysis
 - 10.2.1 Solar Cell Module Automated Production Equipment Core Raw Materials
 - 10.2.2 Main Manufacturers of Solar Cell Module Automated Production Equipment Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Solar Cell Module Automated Production Equipment Production Mode
- 10.6 Solar Cell Module Automated Production Equipment Procurement Model
- 10.7 Solar Cell Module Automated Production Equipment Industry Sales Model and Sales Channels
 - 10.7.1 Solar Cell Module Automated Production Equipment Sales Model
 - 10.7.2 Solar Cell Module Automated Production Equipment Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Solar Cell Module Automated Production Equipment Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Solar Cell Module Automated Production Equipment Production Value by Region (2021-2026) & (USD Million)

Table 3. World Solar Cell Module Automated Production Equipment Production Value by Region (2027-2032) & (USD Million)

Table 4. World Solar Cell Module Automated Production Equipment Production Value Market Share by Region (2021-2026)

Table 5. World Solar Cell Module Automated Production Equipment Production Value Market Share by Region (2027-2032)

Table 6. World Solar Cell Module Automated Production Equipment Production by Region (2021-2026) & (Units)

Table 7. World Solar Cell Module Automated Production Equipment Production by Region (2027-2032) & (Units)

Table 8. World Solar Cell Module Automated Production Equipment Production Market Share by Region (2021-2026)

Table 9. World Solar Cell Module Automated Production Equipment Production Market Share by Region (2027-2032)

Table 10. World Solar Cell Module Automated Production Equipment Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Solar Cell Module Automated Production Equipment Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Solar Cell Module Automated Production Equipment Major Market Trends

Table 13. World Solar Cell Module Automated Production Equipment Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)

Table 14. World Solar Cell Module Automated Production Equipment Consumption by Region (2021-2026) & (Units)

Table 15. World Solar Cell Module Automated Production Equipment Consumption Forecast by Region (2027-2032) & (Units)

Table 16. World Solar Cell Module Automated Production Equipment Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Solar Cell Module Automated Production Equipment Producers in 2025

Table 18. World Solar Cell Module Automated Production Equipment Production by Manufacturer (2021-2026) & (Units)

Table 19. Production Market Share of Key Solar Cell Module Automated Production Equipment Producers in 2025

Table 20. World Solar Cell Module Automated Production Equipment Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Solar Cell Module Automated Production Equipment Company Evaluation Quadrant

Table 22. World Solar Cell Module Automated Production Equipment Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Solar Cell Module Automated Production Equipment Production Site of Key Manufacturer

Table 24. Solar Cell Module Automated Production Equipment Market: Company Product Type Footprint

Table 25. Solar Cell Module Automated Production Equipment Market: Company Product Application Footprint

Table 26. Solar Cell Module Automated Production Equipment Competitive Factors

Table 27. Solar Cell Module Automated Production Equipment New Entrant and Capacity Expansion Plans

Table 28. Solar Cell Module Automated Production Equipment Mergers & Acquisitions Activity

Table 29. United States VS China Solar Cell Module Automated Production Equipment Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Solar Cell Module Automated Production Equipment Production Comparison, (2021 & 2025 & 2032) & (Units)

Table 31. United States VS China Solar Cell Module Automated Production Equipment Consumption Comparison, (2021 & 2025 & 2032) & (Units)

Table 32. United States Based Solar Cell Module Automated Production Equipment Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Solar Cell Module Automated Production Equipment Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Solar Cell Module Automated Production Equipment Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Solar Cell Module Automated Production Equipment Production (2021-2026) & (Units)

Table 36. United States Based Manufacturers Solar Cell Module Automated Production Equipment Production Market Share (2021-2026)

Table 37. China Based Solar Cell Module Automated Production Equipment Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Solar Cell Module Automated Production Equipment Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Solar Cell Module Automated Production Equipment Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Solar Cell Module Automated Production Equipment Production, (2021-2026) & (Units)

Table 41. China Based Manufacturers Solar Cell Module Automated Production Equipment Production Market Share (2021-2026)

Table 42. Rest of World Based Solar Cell Module Automated Production Equipment Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Solar Cell Module Automated Production Equipment Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Solar Cell Module Automated Production Equipment Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Solar Cell Module Automated Production Equipment Production, (2021-2026) & (Units)

Table 46. Rest of World Based Manufacturers Solar Cell Module Automated Production Equipment Production Market Share (2021-2026)

Table 47. World Solar Cell Module Automated Production Equipment Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Solar Cell Module Automated Production Equipment Production by Type (2021-2026) & (Units)

Table 49. World Solar Cell Module Automated Production Equipment Production by Type (2027-2032) & (Units)

Table 50. World Solar Cell Module Automated Production Equipment Production Value by Type (2021-2026) & (USD Million)

Table 51. World Solar Cell Module Automated Production Equipment Production Value by Type (2027-2032) & (USD Million)

Table 52. World Solar Cell Module Automated Production Equipment Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Solar Cell Module Automated Production Equipment Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Solar Cell Module Automated Production Equipment Production Value by Solar Cell Technology, (USD Million), 2021 & 2025 & 2032

Table 55. World Solar Cell Module Automated Production Equipment Production by Solar Cell Technology (2021-2026) & (Units)

Table 56. World Solar Cell Module Automated Production Equipment Production by Solar Cell Technology (2027-2032) & (Units)

Table 57. World Solar Cell Module Automated Production Equipment Production Value by Solar Cell Technology (2021-2026) & (USD Million)

Table 58. World Solar Cell Module Automated Production Equipment Production Value

by Solar Cell Technology (2027-2032) & (USD Million)

Table 59. World Solar Cell Module Automated Production Equipment Average Price by Solar Cell Technology (2021-2026) & (US\$/Unit)

Table 60. World Solar Cell Module Automated Production Equipment Average Price by Solar Cell Technology (2027-2032) & (US\$/Unit)

Table 61. World Solar Cell Module Automated Production Equipment Production Value by Level of Automation, (USD Million), 2021 & 2025 & 2032

Table 62. World Solar Cell Module Automated Production Equipment Production by Level of Automation (2021-2026) & (Units)

Table 63. World Solar Cell Module Automated Production Equipment Production by Level of Automation (2027-2032) & (Units)

Table 64. World Solar Cell Module Automated Production Equipment Production Value by Level of Automation (2021-2026) & (USD Million)

Table 65. World Solar Cell Module Automated Production Equipment Production Value by Level of Automation (2027-2032) & (USD Million)

Table 66. World Solar Cell Module Automated Production Equipment Average Price by Level of Automation (2021-2026) & (US\$/Unit)

Table 67. World Solar Cell Module Automated Production Equipment Average Price by Level of Automation (2027-2032) & (US\$/Unit)

Table 68. World Solar Cell Module Automated Production Equipment Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Solar Cell Module Automated Production Equipment Production by Application (2021-2026) & (Units)

Table 70. World Solar Cell Module Automated Production Equipment Production by Application (2027-2032) & (Units)

Table 71. World Solar Cell Module Automated Production Equipment Production Value by Application (2021-2026) & (USD Million)

Table 72. World Solar Cell Module Automated Production Equipment Production Value by Application (2027-2032) & (USD Million)

Table 73. World Solar Cell Module Automated Production Equipment Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Solar Cell Module Automated Production Equipment Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. SEMIPHOTON Basic Information, Manufacturing Base and Competitors

Table 76. SEMIPHOTON Major Business

Table 77. SEMIPHOTON Solar Cell Module Automated Production Equipment Product and Services

Table 78. SEMIPHOTON Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and

Market Share (2021-2026)

Table 79. SEMIPHOTON Recent Developments/Updates

Table 80. SEMIPHOTON Competitive Strengths & Weaknesses

Table 81. XENON Automation Basic Information, Manufacturing Base and Competitors

Table 82. XENON Automation Major Business

Table 83. XENON Automation Solar Cell Module Automated Production Equipment Product and Services

Table 84. XENON Automation Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. XENON Automation Recent Developments/Updates

Table 86. XENON Automation Competitive Strengths & Weaknesses

Table 87. Ooitech Basic Information, Manufacturing Base and Competitors

Table 88. Ooitech Major Business

Table 89. Ooitech Solar Cell Module Automated Production Equipment Product and Services

Table 90. Ooitech Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Ooitech Recent Developments/Updates

Table 92. Ooitech Competitive Strengths & Weaknesses

Table 93. Wuxi Bluemann Solutions Basic Information, Manufacturing Base and Competitors

Table 94. Wuxi Bluemann Solutions Major Business

Table 95. Wuxi Bluemann Solutions Solar Cell Module Automated Production Equipment Product and Services

Table 96. Wuxi Bluemann Solutions Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Wuxi Bluemann Solutions Recent Developments/Updates

Table 98. Wuxi Bluemann Solutions Competitive Strengths & Weaknesses

Table 99. SC Solar Basic Information, Manufacturing Base and Competitors

Table 100. SC Solar Major Business

Table 101. SC Solar Solar Cell Module Automated Production Equipment Product and Services

Table 102. SC Solar Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. SC Solar Recent Developments/Updates

Table 104. SC Solar Competitive Strengths & Weaknesses

Table 105. NPC Group Basic Information, Manufacturing Base and Competitors

Table 106. NPC Group Major Business

Table 107. NPC Group Solar Cell Module Automated Production Equipment Product and Services

Table 108. NPC Group Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. NPC Group Recent Developments/Updates

Table 110. NPC Group Competitive Strengths & Weaknesses

Table 111. LEAD Intelligent Basic Information, Manufacturing Base and Competitors

Table 112. LEAD Intelligent Major Business

Table 113. LEAD Intelligent Solar Cell Module Automated Production Equipment Product and Services

Table 114. LEAD Intelligent Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. LEAD Intelligent Recent Developments/Updates

Table 116. LEAD Intelligent Competitive Strengths & Weaknesses

Table 117. Changzhou Pingyu Automation Basic Information, Manufacturing Base and Competitors

Table 118. Changzhou Pingyu Automation Major Business

Table 119. Changzhou Pingyu Automation Solar Cell Module Automated Production Equipment Product and Services

Table 120. Changzhou Pingyu Automation Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Changzhou Pingyu Automation Recent Developments/Updates

Table 122. Changzhou Pingyu Automation Competitive Strengths & Weaknesses

Table 123. Wuxi Superunion Basic Information, Manufacturing Base and Competitors

Table 124. Wuxi Superunion Major Business

Table 125. Wuxi Superunion Solar Cell Module Automated Production Equipment Product and Services

Table 126. Wuxi Superunion Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Wuxi Superunion Recent Developments/Updates

Table 128. Wuxi Superunion Competitive Strengths & Weaknesses

Table 129. J.v.G. Technology Basic Information, Manufacturing Base and Competitors

Table 130. J.v.G. Technology Major Business

Table 131. J.v.G. Technology Solar Cell Module Automated Production Equipment Product and Services

Table 132. J.v.G. Technology Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. J.v.G. Technology Recent Developments/Updates

Table 134. J.v.G. Technology Competitive Strengths & Weaknesses

Table 135. Centrotherm Basic Information, Manufacturing Base and Competitors

Table 136. Centrotherm Major Business

Table 137. Centrotherm Solar Cell Module Automated Production Equipment Product and Services

Table 138. Centrotherm Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Centrotherm Recent Developments/Updates

Table 140. Centrotherm Competitive Strengths & Weaknesses

Table 141. Singulus Technologies Basic Information, Manufacturing Base and Competitors

Table 142. Singulus Technologies Major Business

Table 143. Singulus Technologies Solar Cell Module Automated Production Equipment Product and Services

Table 144. Singulus Technologies Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Singulus Technologies Recent Developments/Updates

Table 146. Singulus Technologies Competitive Strengths & Weaknesses

Table 147. Mondragon Assembly Basic Information, Manufacturing Base and Competitors

Table 148. Mondragon Assembly Major Business

Table 149. Mondragon Assembly Solar Cell Module Automated Production Equipment Product and Services

Table 150. Mondragon Assembly Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Mondragon Assembly Recent Developments/Updates

Table 152. Mondragon Assembly Competitive Strengths & Weaknesses

Table 153. Ecoprogetti Basic Information, Manufacturing Base and Competitors

Table 154. Ecoprogetti Major Business

Table 155. Ecoprogetti Solar Cell Module Automated Production Equipment Product and Services

Table 156. Ecoprogetti Solar Cell Module Automated Production Equipment Production (Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. Ecoprogetti Recent Developments/Updates

Table 158. Ecoprogetti Competitive Strengths & Weaknesses

Table 159. Global Key Players of Solar Cell Module Automated Production Equipment Upstream (Raw Materials)

Table 160. Global Solar Cell Module Automated Production Equipment Typical Customers

Table 161. Solar Cell Module Automated Production Equipment Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Solar Cell Module Automated Production Equipment Picture

Figure 2. World Solar Cell Module Automated Production Equipment Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Solar Cell Module Automated Production Equipment Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Solar Cell Module Automated Production Equipment Production (2021-2032) & (Units)

Figure 5. World Solar Cell Module Automated Production Equipment Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Solar Cell Module Automated Production Equipment Production Value Market Share by Region (2021-2032)

Figure 7. World Solar Cell Module Automated Production Equipment Production Market Share by Region (2021-2032)

Figure 8. North America Solar Cell Module Automated Production Equipment Production (2021-2032) & (Units)

Figure 9. Europe Solar Cell Module Automated Production Equipment Production (2021-2032) & (Units)

Figure 10. China Solar Cell Module Automated Production Equipment Production (2021-2032) & (Units)

Figure 11. Japan Solar Cell Module Automated Production Equipment Production (2021-2032) & (Units)

Figure 12. Solar Cell Module Automated Production Equipment Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)

Figure 15. World Solar Cell Module Automated Production Equipment Consumption Market Share by Region (2021-2032)

Figure 16. United States Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)

Figure 17. China Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)

Figure 18. Europe Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)

Figure 19. Japan Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)

- Figure 20. South Korea Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)
- Figure 21. ASEAN Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)
- Figure 22. India Solar Cell Module Automated Production Equipment Consumption (2021-2032) & (Units)
- Figure 23. Producer Shipments of Solar Cell Module Automated Production Equipment by Manufacturer Revenue (\$MM) and Market Share (%): 2025
- Figure 24. Global Four-firm Concentration Ratios (CR4) for Solar Cell Module Automated Production Equipment Markets in 2025
- Figure 25. Global Four-firm Concentration Ratios (CR8) for Solar Cell Module Automated Production Equipment Markets in 2025
- Figure 26. United States VS China: Solar Cell Module Automated Production Equipment Production Value Market Share Comparison (2021 & 2025 & 2032)
- Figure 27. United States VS China: Solar Cell Module Automated Production Equipment Production Market Share Comparison (2021 & 2025 & 2032)
- Figure 28. United States VS China: Solar Cell Module Automated Production Equipment Consumption Market Share Comparison (2021 & 2025 & 2032)
- Figure 29. United States Based Manufacturers Solar Cell Module Automated Production Equipment Production Market Share 2025
- Figure 30. China Based Manufacturers Solar Cell Module Automated Production Equipment Production Market Share 2025
- Figure 31. Rest of World Based Manufacturers Solar Cell Module Automated Production Equipment Production Market Share 2025
- Figure 32. World Solar Cell Module Automated Production Equipment Production Value by Type, (USD Million), 2021 & 2025 & 2032
- Figure 33. World Solar Cell Module Automated Production Equipment Production Value Market Share by Type in 2025
- Figure 34. Single-Glass Module Equipment
- Figure 35. Double-Glass Module Equipment
- Figure 36. Others
- Figure 37. World Solar Cell Module Automated Production Equipment Production Market Share by Type (2021-2032)
- Figure 38. World Solar Cell Module Automated Production Equipment Production Value Market Share by Type (2021-2032)
- Figure 39. World Solar Cell Module Automated Production Equipment Average Price by Type (2021-2032) & (US\$/Unit)
- Figure 40. World Solar Cell Module Automated Production Equipment Production Value by Solar Cell Technology, (USD Million), 2021 & 2025 & 2032

Figure 41. World Solar Cell Module Automated Production Equipment Production Value Market Share by Solar Cell Technology in 2025

Figure 42. PERC Module Equipment

Figure 43. TOPCon Module Equipment

Figure 44. HJT Module Equipment

Figure 45. IBC Module Equipment

Figure 46. BC-type Module Equipment

Figure 47. Perovskite and Tandem Cell Module Equipment

Figure 48. World Solar Cell Module Automated Production Equipment Production Market Share by Solar Cell Technology (2021-2032)

Figure 49. World Solar Cell Module Automated Production Equipment Production Value Market Share by Solar Cell Technology (2021-2032)

Figure 50. World Solar Cell Module Automated Production Equipment Average Price by Solar Cell Technology (2021-2032) & (US\$/Unit)

Figure 51. World Solar Cell Module Automated Production Equipment Production Value by Level of Automation, (USD Million), 2021 & 2025 & 2032

Figure 52. World Solar Cell Module Automated Production Equipment Production Value Market Share by Level of Automation in 2025

Figure 53. Fully Automated Production Lines

Figure 54. Semi-automated Equipment

Figure 55. Modular, Flexible Equipment

Figure 56. World Solar Cell Module Automated Production Equipment Production Market Share by Level of Automation (2021-2032)

Figure 57. World Solar Cell Module Automated Production Equipment Production Value Market Share by Level of Automation (2021-2032)

Figure 58. World Solar Cell Module Automated Production Equipment Average Price by Level of Automation (2021-2032) & (US\$/Unit)

Figure 59. World Solar Cell Module Automated Production Equipment Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 60. World Solar Cell Module Automated Production Equipment Production Value Market Share by Application in 2025

Figure 61. Standard Ground-Mounted PV Module Production Lines

Figure 62. Building-Integrated PV (BIPV) Module Manufacturing Equipment

Figure 63. Vehicle-Mounted and Marine PV Production Equipment

Figure 64. Aerospace and Specialized PV Module Equipment

Figure 65. Others

Figure 66. World Solar Cell Module Automated Production Equipment Production Market Share by Application (2021-2032)

Figure 67. World Solar Cell Module Automated Production Equipment Production Value

Market Share by Application (2021-2032)

Figure 68. World Solar Cell Module Automated Production Equipment Average Price by Application (2021-2032) & (US\$/Unit)

Figure 69. Solar Cell Module Automated Production Equipment Industry Chain

Figure 70. Solar Cell Module Automated Production Equipment Procurement Model

Figure 71. Solar Cell Module Automated Production Equipment Sales Model

Figure 72. Solar Cell Module Automated Production Equipment Sales Channels, Direct Sales, and Distribution

Figure 73. Methodology

Figure 74. Research Process and Data Source

I would like to order

Product name: Global Solar Cell Module Automated Production Equipment Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G5661F1F01FAEN.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/G5661F1F01FAEN.html>