

Global Solar Cells and Modules Market Analysis and Forecast 2024-2030

<https://marketpublishers.com/r/G780C9785444EN.html>

Date: April 2024

Pages: 217

Price: US\$ 4,950.00 (Single User License)

ID: G780C9785444EN

Abstracts

Summary

A solar cell or photovoltaic (PV) cell is a semiconductor device that converts light directly into electricity by the photovoltaic effect. The most common material in solar cell production is purified silicon that can be applied in different ways.

A PV module is an assembly of photo-voltaic cells mounted in a framework for installation. Photo-voltaic cells use sunlight as a source of energy and generate direct current electricity. A collection of PV modules is called a PV Panel, and a system of Panels is an Array. Arrays of a photovoltaic system supply solar electricity to electrical equipment.

According to APO Research, The global Solar Cells and Modules market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada market for Solar Cells and Modules is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Solar Cells and Modules is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The China market for Solar Cells and Modules is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025

through 2030.

Europe market for Solar Cells and Modules is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Solar Cells and Modules include JinkoSolar, LONGi, JA Solar, First Solar, Canadian Solar, Trina Solar, Hanwha Solutions, Risen Energy and Seraphim, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

In terms of production side, this report researches the Solar Cells and Modules production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Solar Cells and Modules by region (region level and country level), by Company, by Type and by Application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Solar Cells and Modules, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Solar Cells and Modules, also provides the consumption of main regions and countries. Of the upcoming market potential for Solar Cells and Modules, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Solar Cells and Modules sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Solar Cells and Modules market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Solar Cells and Modules sales, projected growth trends, production technology, application and end-user industry.

Solar Cells and Modules segment by Company

JinkoSolar

LONGi

JA Solar

First Solar

Canadian Solar

Trina Solar

Hanwha Solutions

Risen Energy

Seraphim

SunPower

Chint Electric

Solargiga

Shunfeng

LG Business Solutions

Jinergy

GCL System

EGing PV

Jolywood

Talesun Solar

Solar Cells and Modules segment by Type

Mono-Si Modules

Multi-Si Modules

CdTe Modules

CIGS Modules

A-Si Modules

Others

Solar Cells and Modules segment by Application

PV Power Station

Commercial

Residential

Others

Solar Cells and Modules segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Solar Cells and Modules market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Solar Cells and Modules and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Solar Cells and Modules.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the report scope of the report, executive summary of different market segments (by type and by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Solar Cells and Modules production/output of global and key producers (regions/countries). It provides a quantitative analysis of the production, and development potential of each producer in the next six years.

Chapter 4: Sales (consumption), revenue of Solar Cells and Modules in global, regional level and country level. It provides a quantitative analysis of the market size and

development potential of each region and its main countries and introduces the market development, future development prospects, market space of each country in the world.

Chapter 5: Detailed analysis of Solar Cells and Modules manufacturers competitive landscape, price, sales, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 6: Provides the analysis of various market segments by type, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7: Provides the analysis of various market segments by application, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8: Provides profiles of key manufacturers, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, Solar Cells and Modules sales, revenue, price, gross margin, and recent development, etc.

Chapter 9: North America (US & Canada) by type, by application and by country, sales, and revenue for each segment.

Chapter 10: Europe by type, by application and by country, sales, and revenue for each segment.

Chapter 11: China by type, by application, sales, and revenue for each segment.

Chapter 12: Asia (Excluding China) by type, by application and by region, sales, and revenue for each segment.

Chapter 13: Middle East, Africa, Latin America by type, by application and by country, sales, and revenue for each segment.

Chapter 14: Analysis of industrial chain, sales channel, key raw materials, distributors and customers.

Chapter 15: The main concluding insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Solar Cells and Modules Market by Type
 - 1.2.1 Global Solar Cells and Modules Market Size by Type, 2019 VS 2023 VS 2030
 - 1.2.2 Mono-Si Modules
 - 1.2.3 Multi-Si Modules
 - 1.2.4 CdTe Modules
 - 1.2.5 CIGS Modules
 - 1.2.6 A-Si Modules
 - 1.2.7 Others
- 1.3 Solar Cells and Modules Market by Application
 - 1.3.1 Global Solar Cells and Modules Market Size by Application, 2019 VS 2023 VS 2030
 - 1.3.2 PV Power Station
 - 1.3.3 Commercial
 - 1.3.4 Residential
 - 1.3.5 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Goals and Objectives

2 SOLAR CELLS AND MODULES MARKET DYNAMICS

- 2.1 Solar Cells and Modules Industry Trends
- 2.2 Solar Cells and Modules Industry Drivers
- 2.3 Solar Cells and Modules Industry Opportunities and Challenges
- 2.4 Solar Cells and Modules Industry Restraints

3 GLOBAL SOLAR CELLS AND MODULES PRODUCTION OVERVIEW

- 3.1 Global Solar Cells and Modules Production Capacity (2019-2030)
- 3.2 Global Solar Cells and Modules Production by Region: 2019 VS 2023 VS 2030
- 3.3 Global Solar Cells and Modules Production by Region
 - 3.3.1 Global Solar Cells and Modules Production by Region (2019-2024)
 - 3.3.2 Global Solar Cells and Modules Production by Region (2025-2030)
 - 3.3.3 Global Solar Cells and Modules Production Market Share by Region (2019-2030)
- 3.4 North America

- 3.5 Europe
- 3.6 China
- 3.7 South Korea

4 GLOBAL MARKET GROWTH PROSPECTS

- 4.1 Global Solar Cells and Modules Revenue Estimates and Forecasts (2019-2030)
- 4.2 Global Solar Cells and Modules Revenue by Region
 - 4.2.1 Global Solar Cells and Modules Revenue by Region: 2019 VS 2023 VS 2030
 - 4.2.2 Global Solar Cells and Modules Revenue by Region (2019-2024)
 - 4.2.3 Global Solar Cells and Modules Revenue by Region (2025-2030)
 - 4.2.4 Global Solar Cells and Modules Revenue Market Share by Region (2019-2030)
- 4.3 Global Solar Cells and Modules Sales Estimates and Forecasts 2019-2030
- 4.4 Global Solar Cells and Modules Sales by Region
 - 4.4.1 Global Solar Cells and Modules Sales by Region: 2019 VS 2023 VS 2030
 - 4.4.2 Global Solar Cells and Modules Sales by Region (2019-2024)
 - 4.4.3 Global Solar Cells and Modules Sales by Region (2025-2030)
 - 4.4.4 Global Solar Cells and Modules Sales Market Share by Region (2019-2030)
- 4.5 US & Canada
- 4.6 Europe
- 4.7 China
- 4.8 Asia (Excluding China)
- 4.9 Middle East, Africa and Latin America

5 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 5.1 Global Solar Cells and Modules Revenue by Manufacturers
 - 5.1.1 Global Solar Cells and Modules Revenue by Manufacturers (2019-2024)
 - 5.1.2 Global Solar Cells and Modules Revenue Market Share by Manufacturers (2019-2024)
 - 5.1.3 Global Solar Cells and Modules Manufacturers Revenue Share Top 10 and Top 5 in 2023
- 5.2 Global Solar Cells and Modules Sales by Manufacturers
 - 5.2.1 Global Solar Cells and Modules Sales by Manufacturers (2019-2024)
 - 5.2.2 Global Solar Cells and Modules Sales Market Share by Manufacturers (2019-2024)
 - 5.2.3 Global Solar Cells and Modules Manufacturers Sales Share Top 10 and Top 5 in 2023
- 5.3 Global Solar Cells and Modules Sales Price by Manufacturers (2019-2024)

5.4 Global Solar Cells and Modules Key Manufacturers Ranking, 2022 VS 2023 VS 2024

5.5 Global Solar Cells and Modules Key Manufacturers Manufacturing Sites & Headquarters

5.6 Global Solar Cells and Modules Manufacturers, Product Type & Application

5.7 Global Solar Cells and Modules Manufacturers Commercialization Time

5.8 Market Competitive Analysis

5.8.1 Global Solar Cells and Modules Market CR5 and HHI

5.8.2 2023 Solar Cells and Modules Tier 1, Tier 2, and Tier

6 SOLAR CELLS AND MODULES MARKET BY TYPE

6.1 Global Solar Cells and Modules Revenue by Type

6.1.1 Global Solar Cells and Modules Revenue by Type (2019 VS 2023 VS 2030)

6.1.2 Global Solar Cells and Modules Revenue by Type (2019-2030) & (US\$ Million)

6.1.3 Global Solar Cells and Modules Revenue Market Share by Type (2019-2030)

6.2 Global Solar Cells and Modules Sales by Type

6.2.1 Global Solar Cells and Modules Sales by Type (2019 VS 2023 VS 2030)

6.2.2 Global Solar Cells and Modules Sales by Type (2019-2030) & (MW)

6.2.3 Global Solar Cells and Modules Sales Market Share by Type (2019-2030)

6.3 Global Solar Cells and Modules Price by Type

7 SOLAR CELLS AND MODULES MARKET BY APPLICATION

7.1 Global Solar Cells and Modules Revenue by Application

7.1.1 Global Solar Cells and Modules Revenue by Application (2019 VS 2023 VS 2030)

7.1.2 Global Solar Cells and Modules Revenue by Application (2019-2030) & (US\$ Million)

7.1.3 Global Solar Cells and Modules Revenue Market Share by Application (2019-2030)

7.2 Global Solar Cells and Modules Sales by Application

7.2.1 Global Solar Cells and Modules Sales by Application (2019 VS 2023 VS 2030)

7.2.2 Global Solar Cells and Modules Sales by Application (2019-2030) & (MW)

7.2.3 Global Solar Cells and Modules Sales Market Share by Application (2019-2030)

7.3 Global Solar Cells and Modules Price by Application

8 COMPANY PROFILES

8.1 JinkoSolar

8.1.1 JinkoSolar Company Information

8.1.2 JinkoSolar Business Overview

8.1.3 JinkoSolar Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.1.4 JinkoSolar Solar Cells and Modules Product Portfolio

8.1.5 JinkoSolar Recent Developments

8.2 LONGi

8.2.1 LONGi Company Information

8.2.2 LONGi Business Overview

8.2.3 LONGi Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.2.4 LONGi Solar Cells and Modules Product Portfolio

8.2.5 LONGi Recent Developments

8.3 JA Solar

8.3.1 JA Solar Company Information

8.3.2 JA Solar Business Overview

8.3.3 JA Solar Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.3.4 JA Solar Solar Cells and Modules Product Portfolio

8.3.5 JA Solar Recent Developments

8.4 First Solar

8.4.1 First Solar Company Information

8.4.2 First Solar Business Overview

8.4.3 First Solar Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.4.4 First Solar Solar Cells and Modules Product Portfolio

8.4.5 First Solar Recent Developments

8.5 Canadian Solar

8.5.1 Canadian Solar Company Information

8.5.2 Canadian Solar Business Overview

8.5.3 Canadian Solar Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.5.4 Canadian Solar Solar Cells and Modules Product Portfolio

8.5.5 Canadian Solar Recent Developments

8.6 Trina Solar

8.6.1 Trina Solar Company Information

8.6.2 Trina Solar Business Overview

8.6.3 Trina Solar Solar Cells and Modules Sales, Revenue, Price and Gross Margin

(2019-2024)

8.6.4 Trina Solar Solar Cells and Modules Product Portfolio

8.6.5 Trina Solar Recent Developments

8.7 Hanwha Solutions

8.7.1 Hanwha Solutions Company Information

8.7.2 Hanwha Solutions Business Overview

8.7.3 Hanwha Solutions Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.7.4 Hanwha Solutions Solar Cells and Modules Product Portfolio

8.7.5 Hanwha Solutions Recent Developments

8.8 Risen Energy

8.8.1 Risen Energy Company Information

8.8.2 Risen Energy Business Overview

8.8.3 Risen Energy Solar Cells and Modules Sales, Revenue, Price and Gross Margin

(2019-2024)

8.8.4 Risen Energy Solar Cells and Modules Product Portfolio

8.8.5 Risen Energy Recent Developments

8.9 Seraphim

8.9.1 Seraphim Company Information

8.9.2 Seraphim Business Overview

8.9.3 Seraphim Solar Cells and Modules Sales, Revenue, Price and Gross Margin

(2019-2024)

8.9.4 Seraphim Solar Cells and Modules Product Portfolio

8.9.5 Seraphim Recent Developments

8.10 SunPower

8.10.1 SunPower Company Information

8.10.2 SunPower Business Overview

8.10.3 SunPower Solar Cells and Modules Sales, Revenue, Price and Gross Margin

(2019-2024)

8.10.4 SunPower Solar Cells and Modules Product Portfolio

8.10.5 SunPower Recent Developments

8.11 Chint Electrics

8.11.1 Chint Electrics Company Information

8.11.2 Chint Electrics Business Overview

8.11.3 Chint Electrics Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.11.4 Chint Electrics Solar Cells and Modules Product Portfolio

8.11.5 Chint Electrics Recent Developments

8.12 Solargiga

- 8.12.1 Solargiga Comapny Information
- 8.12.2 Solargiga Business Overview
- 8.12.3 Solargiga Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)
- 8.12.4 Solargiga Solar Cells and Modules Product Portfolio
- 8.12.5 Solargiga Recent Developments
- 8.13 Shunfeng
 - 8.13.1 Shunfeng Comapny Information
 - 8.13.2 Shunfeng Business Overview
 - 8.13.3 Shunfeng Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.13.4 Shunfeng Solar Cells and Modules Product Portfolio
 - 8.13.5 Shunfeng Recent Developments
- 8.14 LG Business Solutions
 - 8.14.1 LG Business Solutions Comapny Information
 - 8.14.2 LG Business Solutions Business Overview
 - 8.14.3 LG Business Solutions Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.14.4 LG Business Solutions Solar Cells and Modules Product Portfolio
 - 8.14.5 LG Business Solutions Recent Developments
- 8.15 Jineryg
 - 8.15.1 Jineryg Comapny Information
 - 8.15.2 Jineryg Business Overview
 - 8.15.3 Jineryg Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.15.4 Jineryg Solar Cells and Modules Product Portfolio
 - 8.15.5 Jineryg Recent Developments
- 8.16 GCL System
 - 8.16.1 GCL System Comapny Information
 - 8.16.2 GCL System Business Overview
 - 8.16.3 GCL System Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)
 - 8.16.4 GCL System Solar Cells and Modules Product Portfolio
 - 8.16.5 GCL System Recent Developments
- 8.17 EGING PV
 - 8.17.1 EGING PV Comapny Information
 - 8.17.2 EGING PV Business Overview
 - 8.17.3 EGING PV Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.17.4 EGing PV Solar Cells and Modules Product Portfolio

8.17.5 EGing PV Recent Developments

8.18 Jolywood

8.18.1 Jolywood Comapny Information

8.18.2 Jolywood Business Overview

8.18.3 Jolywood Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.18.4 Jolywood Solar Cells and Modules Product Portfolio

8.18.5 Jolywood Recent Developments

8.19 Talesun Solar

8.19.1 Talesun Solar Comapny Information

8.19.2 Talesun Solar Business Overview

8.19.3 Talesun Solar Solar Cells and Modules Sales, Revenue, Price and Gross Margin (2019-2024)

8.19.4 Talesun Solar Solar Cells and Modules Product Portfolio

8.19.5 Talesun Solar Recent Developments

9 NORTH AMERICA

9.1 North America Solar Cells and Modules Market Size by Type

9.1.1 North America Solar Cells and Modules Revenue by Type (2019-2030)

9.1.2 North America Solar Cells and Modules Sales by Type (2019-2030)

9.1.3 North America Solar Cells and Modules Price by Type (2019-2030)

9.2 North America Solar Cells and Modules Market Size by Application

9.2.1 North America Solar Cells and Modules Revenue by Application (2019-2030)

9.2.2 North America Solar Cells and Modules Sales by Application (2019-2030)

9.2.3 North America Solar Cells and Modules Price by Application (2019-2030)

9.3 North America Solar Cells and Modules Market Size by Country

9.3.1 North America Solar Cells and Modules Revenue Grow Rate by Country (2019 VS 2023 VS 2030)

9.3.2 North America Solar Cells and Modules Sales by Country (2019 VS 2023 VS 2030)

9.3.3 North America Solar Cells and Modules Price by Country (2019-2030)

9.3.4 U.S.

9.3.5 Canada

10 EUROPE

10.1 Europe Solar Cells and Modules Market Size by Type

- 10.1.1 Europe Solar Cells and Modules Revenue by Type (2019-2030)
- 10.1.2 Europe Solar Cells and Modules Sales by Type (2019-2030)
- 10.1.3 Europe Solar Cells and Modules Price by Type (2019-2030)
- 10.2 Europe Solar Cells and Modules Market Size by Application
 - 10.2.1 Europe Solar Cells and Modules Revenue by Application (2019-2030)
 - 10.2.2 Europe Solar Cells and Modules Sales by Application (2019-2030)
 - 10.2.3 Europe Solar Cells and Modules Price by Application (2019-2030)
- 10.3 Europe Solar Cells and Modules Market Size by Country
 - 10.3.1 Europe Solar Cells and Modules Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 10.3.2 Europe Solar Cells and Modules Sales by Country (2019 VS 2023 VS 2030)
 - 10.3.3 Europe Solar Cells and Modules Price by Country (2019-2030)
 - 10.3.4 Germany
 - 10.3.5 France
 - 10.3.6 U.K.
 - 10.3.7 Italy
 - 10.3.8 Russia

11 CHINA

- 11.1 China Solar Cells and Modules Market Size by Type
 - 11.1.1 China Solar Cells and Modules Revenue by Type (2019-2030)
 - 11.1.2 China Solar Cells and Modules Sales by Type (2019-2030)
 - 11.1.3 China Solar Cells and Modules Price by Type (2019-2030)
- 11.2 China Solar Cells and Modules Market Size by Application
 - 11.2.1 China Solar Cells and Modules Revenue by Application (2019-2030)
 - 11.2.2 China Solar Cells and Modules Sales by Application (2019-2030)
 - 11.2.3 China Solar Cells and Modules Price by Application (2019-2030)

12 ASIA (EXCLUDING CHINA)

- 12.1 Asia Solar Cells and Modules Market Size by Type
 - 12.1.1 Asia Solar Cells and Modules Revenue by Type (2019-2030)
 - 12.1.2 Asia Solar Cells and Modules Sales by Type (2019-2030)
 - 12.1.3 Asia Solar Cells and Modules Price by Type (2019-2030)
- 12.2 Asia Solar Cells and Modules Market Size by Application
 - 12.2.1 Asia Solar Cells and Modules Revenue by Application (2019-2030)
 - 12.2.2 Asia Solar Cells and Modules Sales by Application (2019-2030)
 - 12.2.3 Asia Solar Cells and Modules Price by Application (2019-2030)

12.3 Asia Solar Cells and Modules Market Size by Country

12.3.1 Asia Solar Cells and Modules Revenue Grow Rate by Country (2019 VS 2023 VS 2030)

12.3.2 Asia Solar Cells and Modules Sales by Country (2019 VS 2023 VS 2030)

12.3.3 Asia Solar Cells and Modules Price by Country (2019-2030)

12.3.4 Japan

12.3.5 South Korea

12.3.6 India

12.3.7 Australia

12.3.8 China Taiwan

12.3.9 Southeast Asia

13 MIDDLE EAST, AFRICA AND LATIN AMERICA

13.1 Middle East, Africa and Latin America Solar Cells and Modules Market Size by Type

13.1.1 Middle East, Africa and Latin America Solar Cells and Modules Revenue by Type (2019-2030)

13.1.2 Middle East, Africa and Latin America Solar Cells and Modules Sales by Type (2019-2030)

13.1.3 Middle East, Africa and Latin America Solar Cells and Modules Price by Type (2019-2030)

13.2 Middle East, Africa and Latin America Solar Cells and Modules Market Size by Application

13.2.1 Middle East, Africa and Latin America Solar Cells and Modules Revenue by Application (2019-2030)

13.2.2 Middle East, Africa and Latin America Solar Cells and Modules Sales by Application (2019-2030)

13.2.3 Middle East, Africa and Latin America Solar Cells and Modules Price by Application (2019-2030)

13.3 Middle East, Africa and Latin America Solar Cells and Modules Market Size by Country

13.3.1 Middle East, Africa and Latin America Solar Cells and Modules Revenue Grow Rate by Country (2019 VS 2023 VS 2030)

13.3.2 Middle East, Africa and Latin America Solar Cells and Modules Sales by Country (2019 VS 2023 VS 2030)

13.3.3 Middle East, Africa and Latin America Solar Cells and Modules Price by Country (2019-2030)

13.3.4 Mexico

- 13.3.5 Brazil
- 13.3.6 Israel
- 13.3.7 Argentina
- 13.3.8 Colombia
- 13.3.9 Turkey
- 13.3.10 Saudi Arabia
- 13.3.11 UAE

14 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 14.1 Solar Cells and Modules Value Chain Analysis
 - 14.1.1 Solar Cells and Modules Key Raw Materials
 - 14.1.2 Raw Materials Key Suppliers
 - 14.1.3 Manufacturing Cost Structure
 - 14.1.4 Solar Cells and Modules Production Mode & Process
- 14.2 Solar Cells and Modules Sales Channels Analysis
 - 14.2.1 Direct Comparison with Distribution Share
 - 14.2.2 Solar Cells and Modules Distributors
 - 14.2.3 Solar Cells and Modules Customers

15 CONCLUDING INSIGHTS

16 APPENDIX

- 16.1 Reasons for Doing This Study
- 16.2 Research Methodology
- 16.3 Research Process
- 16.4 Authors List of This Report
- 16.5 Data Source
 - 16.5.1 Secondary Sources
 - 16.5.2 Primary Sources
- 16.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Solar Cells and Modules Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030

Table 2. Global Solar Cells and Modules Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030

Table 3. Mono-Si Modules Major Manufacturers

Table 4. Multi-Si Modules Major Manufacturers

Table 5. CdTe Modules Major Manufacturers

Table 6. CIGS Modules Major Manufacturers

Table 7. A-Si Modules Major Manufacturers

Table 8. Others Major Manufacturers

Table 9. Global Solar Cells and Modules Market Size Growth Rate by Application (US\$ Million), 2019 VS 2023 VS 2030

Table 10. PV Power Station Major Manufacturers

Table 11. Commercial Major Manufacturers

Table 12. Residential Major Manufacturers

Table 13. Others Major Manufacturers

Table 14. Solar Cells and Modules Industry Trends

Table 15. Solar Cells and Modules Industry Drivers

Table 16. Solar Cells and Modules Industry Opportunities and Challenges

Table 17. Solar Cells and Modules Industry Restraints

Table 18. Global Solar Cells and Modules Production Growth Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (MW)

Table 19. Global Solar Cells and Modules Production by Region (2019-2024) & (MW)

Table 20. Global Solar Cells and Modules Production by Region (2025-2030) & (MW)

Table 21. Global Solar Cells and Modules Production Market Share by Region (2019-2024)

Table 22. Global Solar Cells and Modules Production Market Share by Region (2025-2030)

Table 23. Global Solar Cells and Modules Revenue Grow Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 24. Global Solar Cells and Modules Revenue by Region (2019-2024) & (US\$ Million)

Table 25. Global Solar Cells and Modules Revenue by Region (2025-2030) & (US\$ Million)

Table 26. Global Solar Cells and Modules Revenue Market Share by Region

(2019-2024)

Table 27. Global Solar Cells and Modules Revenue Market Share by Region

(2025-2030)

Table 28. Global Solar Cells and Modules Sales Grow Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (MW)

Table 29. Global Solar Cells and Modules Sales by Region (2019-2024) & (MW)

Table 30. Global Solar Cells and Modules Sales by Region (2025-2030) & (MW)

Table 31. Global Solar Cells and Modules Sales Market Share by Region (2019-2024)

Table 32. Global Solar Cells and Modules Sales Market Share by Region (2025-2030)

Table 33. Global Solar Cells and Modules Revenue by Manufacturers (US\$ Million) & (2019-2024)

Table 34. Global Solar Cells and Modules Revenue Market Share by Manufacturers (2019-2024)

Table 35. Global Solar Cells and Modules Sales by Manufacturers (US\$ Million) & (2019-2024)

Table 36. Global Solar Cells and Modules Sales Market Share by Manufacturers (2019-2024)

Table 37. Global Solar Cells and Modules Sales Price (US\$/W) of Manufacturers (2019-2024)

Table 38. Global Solar Cells and Modules Key Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 39. Global Solar Cells and Modules Key Manufacturers Manufacturing Sites & Headquarters

Table 40. Global Solar Cells and Modules Manufacturers, Product Type & Application

Table 41. Global Solar Cells and Modules Manufacturers Commercialization Time

Table 42. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 43. Global Solar Cells and Modules by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 44. Global Solar Cells and Modules Revenue by Type 2019 VS 2023 VS 2030 (US\$ Million)

Table 45. Global Solar Cells and Modules Revenue by Type (2019-2024) & (US\$ Million)

Table 46. Global Solar Cells and Modules Revenue by Type (2025-2030) & (US\$ Million)

Table 47. Global Solar Cells and Modules Revenue Market Share by Type (2019-2024)

Table 48. Global Solar Cells and Modules Revenue Market Share by Type (2025-2030)

Table 49. Global Solar Cells and Modules Sales by Type 2019 VS 2023 VS 2030 (MW)

Table 50. Global Solar Cells and Modules Sales by Type (2019-2024) & (MW)

Table 51. Global Solar Cells and Modules Sales by Type (2025-2030) & (MW)

Table 52. Global Solar Cells and Modules Sales Market Share by Type (2019-2024)

Table 53. Global Solar Cells and Modules Sales Market Share by Type (2025-2030)

Table 54. Global Solar Cells and Modules Price by Type (2019-2024) & (US\$/W)

Table 55. Global Solar Cells and Modules Price by Type (2025-2030) & (US\$/W)

Table 56. Global Solar Cells and Modules Revenue by Application 2019 VS 2023 VS 2030 (US\$ Million)

Table 57. Global Solar Cells and Modules Revenue by Application (2019-2024) & (US\$ Million)

Table 58. Global Solar Cells and Modules Revenue by Application (2025-2030) & (US\$ Million)

Table 59. Global Solar Cells and Modules Revenue Market Share by Application (2019-2024)

Table 60. Global Solar Cells and Modules Revenue Market Share by Application (2025-2030)

Table 61. Global Solar Cells and Modules Sales by Application 2019 VS 2023 VS 2030 (MW)

Table 62. Global Solar Cells and Modules Sales by Application (2019-2024) & (MW)

Table 63. Global Solar Cells and Modules Sales by Application (2025-2030) & (MW)

Table 64. Global Solar Cells and Modules Sales Market Share by Application (2019-2024)

Table 65. Global Solar Cells and Modules Sales Market Share by Application (2025-2030)

Table 66. Global Solar Cells and Modules Price by Application (2019-2024) & (US\$/W)

Table 67. Global Solar Cells and Modules Price by Application (2025-2030) & (US\$/W)

Table 68. JinkoSolar Company Information

Table 69. JinkoSolar Business Overview

Table 70. JinkoSolar Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 71. JinkoSolar Solar Cells and Modules Product Portfolio

Table 72. JinkoSolar Recent Development

Table 73. LONGi Company Information

Table 74. LONGi Business Overview

Table 75. LONGi Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 76. LONGi Solar Cells and Modules Product Portfolio

Table 77. LONGi Recent Development

Table 78. JA Solar Company Information

Table 79. JA Solar Business Overview

Table 80. JA Solar Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price

(US\$/W) and Gross Margin (2019-2024)

Table 81. JA Solar Solar Cells and Modules Product Portfolio

Table 82. JA Solar Recent Development

Table 83. First Solar Company Information

Table 84. First Solar Business Overview

Table 85. First Solar Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 86. First Solar Solar Cells and Modules Product Portfolio

Table 87. First Solar Recent Development

Table 88. Canadian Solar Company Information

Table 89. Canadian Solar Business Overview

Table 90. Canadian Solar Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 91. Canadian Solar Solar Cells and Modules Product Portfolio

Table 92. Canadian Solar Recent Development

Table 93. Trina Solar Company Information

Table 94. Trina Solar Business Overview

Table 95. Trina Solar Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 96. Trina Solar Solar Cells and Modules Product Portfolio

Table 97. Trina Solar Recent Development

Table 98. Hanwha Solutions Company Information

Table 99. Hanwha Solutions Business Overview

Table 100. Hanwha Solutions Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 101. Hanwha Solutions Solar Cells and Modules Product Portfolio

Table 102. Hanwha Solutions Recent Development

Table 103. Risen Energy Company Information

Table 104. Risen Energy Business Overview

Table 105. Risen Energy Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 106. Risen Energy Solar Cells and Modules Product Portfolio

Table 107. Risen Energy Recent Development

Table 108. Seraphim Company Information

Table 109. Seraphim Business Overview

Table 110. Seraphim Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 111. Seraphim Solar Cells and Modules Product Portfolio

Table 112. Seraphim Recent Development

- Table 113. SunPower Company Information
- Table 114. SunPower Business Overview
- Table 115. SunPower Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)
- Table 116. SunPower Solar Cells and Modules Product Portfolio
- Table 117. SunPower Recent Development
- Table 118. Chint Electrics Company Information
- Table 119. Chint Electrics Business Overview
- Table 120. Chint Electrics Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)
- Table 121. Chint Electrics Solar Cells and Modules Product Portfolio
- Table 122. Chint Electrics Recent Development
- Table 123. Solargiga Company Information
- Table 124. Solargiga Business Overview
- Table 125. Solargiga Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)
- Table 126. Solargiga Solar Cells and Modules Product Portfolio
- Table 127. Solargiga Recent Development
- Table 128. Shunfeng Company Information
- Table 129. Shunfeng Business Overview
- Table 130. Shunfeng Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)
- Table 131. Shunfeng Solar Cells and Modules Product Portfolio
- Table 132. Shunfeng Recent Development
- Table 133. LG Business Solutions Company Information
- Table 134. LG Business Solutions Business Overview
- Table 135. LG Business Solutions Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)
- Table 136. LG Business Solutions Solar Cells and Modules Product Portfolio
- Table 137. LG Business Solutions Recent Development
- Table 138. Jinery Company Information
- Table 139. Jinery Business Overview
- Table 140. Jinery Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)
- Table 141. Jinery Solar Cells and Modules Product Portfolio
- Table 142. Jinery Recent Development
- Table 143. GCL System Company Information
- Table 144. GCL System Business Overview
- Table 145. GCL System Solar Cells and Modules Sales (MW), Revenue (US\$ Million),

Price (US\$/W) and Gross Margin (2019-2024)

Table 146. GCL System Solar Cells and Modules Product Portfolio

Table 147. GCL System Recent Development

Table 148. EGing PV Company Information

Table 149. EGing PV Business Overview

Table 150. EGing PV Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 151. EGing PV Solar Cells and Modules Product Portfolio

Table 152. EGing PV Recent Development

Table 153. Jolywood Company Information

Table 154. Jolywood Business Overview

Table 155. Jolywood Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 156. Jolywood Solar Cells and Modules Product Portfolio

Table 157. Jolywood Recent Development

Table 158. Talesun Solar Company Information

Table 159. Talesun Solar Business Overview

Table 160. Talesun Solar Solar Cells and Modules Sales (MW), Revenue (US\$ Million), Price (US\$/W) and Gross Margin (2019-2024)

Table 161. Talesun Solar Solar Cells and Modules Product Portfolio

Table 162. Talesun Solar Recent Development

Table 163. North America Solar Cells and Modules Revenue by Type (2019-2024) & (US\$ Million)

Table 164. North America Solar Cells and Modules Revenue by Type (2025-2030) & (US\$ Million)

Table 165. North America Solar Cells and Modules Sales by Type (2019-2024) & (MW)

Table 166. North America Solar Cells and Modules Sales by Type (2025-2030) & (MW)

Table 167. North America Solar Cells and Modules Sales Price by Type (2019-2024) & (US\$/W)

Table 168. North America Solar Cells and Modules Sales Price by Type (2025-2030) & (US\$/W)

Table 169. North America Solar Cells and Modules Revenue by Application (2019-2024) & (US\$ Million)

Table 170. North America Solar Cells and Modules Revenue by Application (2025-2030) & (US\$ Million)

Table 171. North America Solar Cells and Modules Sales by Application (2019-2024) & (MW)

Table 172. North America Solar Cells and Modules Sales by Application (2025-2030) & (MW)

- Table 173. North America Solar Cells and Modules Sales Price by Application (2019-2024) & (US\$/W)
- Table 174. North America Solar Cells and Modules Sales Price by Application (2025-2030) & (US\$/W)
- Table 175. North America Solar Cells and Modules Revenue Grow Rate by Country (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 176. North America Solar Cells and Modules Revenue Grow Rate by Country (2019-2024) & (US\$ Million)
- Table 177. North America Solar Cells and Modules Revenue Grow Rate by Country (2025-2030) & (US\$ Million)
- Table 178. North America Solar Cells and Modules Sales by Country (2019 VS 2023 VS 2030) & (MW)
- Table 179. North America Solar Cells and Modules Sales by Country (2019-2024) & (MW)
- Table 180. North America Solar Cells and Modules Sales by Country (2025-2030) & (MW)
- Table 181. North America Solar Cells and Modules Sales Price by Country (2019-2024) & (US\$/W)
- Table 182. North America Solar Cells and Modules Sales Price by Country (2025-2030) & (US\$/W)
- Table 183. U.S. Solar Cells and Modules Revenue (2019-2030) & (US\$ Million)
- Table 184. Canada Solar Cells and Modules Revenue (2019-2030) & (US\$ Million)
- Table 185. Europe Solar Cells and Modules Revenue by Type (2019-2024) & (US\$ Million)
- Table 186. Europe Solar Cells and Modules Revenue by Type (2025-2030) & (US\$ Million)
- Table 187. Europe Solar Cells and Modules Sales by Type (2019-2024) & (MW)
- Table 188. Europe Solar Cells and Modules Sales by Type (2025-2030) & (MW)
- Table 189. Europe Solar Cells and Modules Sales Price by Type (2019-2024) & (US\$/W)
- Table 190. Europe Solar Cells and Mod

I would like to order

Product name: Global Solar Cells and Modules Market Analysis and Forecast 2024-2030

Product link: <https://marketpublishers.com/r/G780C9785444EN.html>

Price: US\$ 4,950.00 (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/G780C9785444EN.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**

Customer 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