

Global 54-cell Rectangular Silicon Wafer Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G12909BEC1EAEN.html>

Date: July 2026

Pages: 186

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

ID: G12909BEC1EAEN

Abstracts

The global 54-cell Rectangular Silicon Wafer market size is expected to reach \$ 28326 million by 2032, rising at a market growth of 9.1% CAGR during the forecast period (2026-2032).

54-cell Rectangular Silicon Wafer refers to a type of photovoltaic (PV) module composed of 54 individual rectangular silicon solar cells arranged in a specific grid pattern within the module to convert sunlight into electricity. The term '54-cell' indicates the number of cells used, which is a key factor in determining the module's overall power output, efficiency, and size. Unlike traditional square wafers (e.g., M10 182mm $\times$ 182mm), rectangular wafers feature dimensions such as 182.2mm $\times$ 186.7mm (M10RT), which increase active area and boost power output without significantly changing module dimensions. 54-cell rectangular wafer modules typically measure 1,762mm $\times$ 1,134mm, with power outputs ranging from 430W to 450W.

The upstream segment includes suppliers of high-purity polysilicon, monocrystalline silicon ingots, wire sawing equipment, and wafer inspection systems. The midstream segment encompasses ingot slicing, edge grinding, lapping, etching, cleaning, and quality inspection performed by specialized wafer manufacturers. 54-cell rectangular silicon wafers are categorized by wafer type into P-type wafers and N-type wafers; by application into residential rooftops, commercial & industrial rooftops, and utility-scale power stations; by module configuration into single-glass, double-glass, all-black, and transparent backsheet versions. The downstream segment serves solar module manufacturers, EPC contractors, project developers, and distributed generation system integrators.

The global average selling price for 54-cell rectangular silicon wafers is approximately

US\$0.105 per watt, with annual sales volume reaching approximately 140,000 MW (140 GW) in 2025. The industry maintains gross margins between 18% and 28%.

The global 54-cell rectangular silicon wafer market is experiencing robust growth, driven by the accelerating adoption of distributed generation solar systems and the increasing demand for higher-efficiency PV modules. As residential and commercial rooftop installations expand globally, 54-cell modules optimized for size and power output have become the preferred choice for distributed generation applications. DMEGC Solar's M10RT 54 Series, for example, is specifically designed for the distributed generation market, featuring module dimensions of 1,762mm x 1,134mm with power outputs from 430W to 450W and mass production efficiencies reaching 25.5%.

A notable trend reshaping the market is the industry-wide transition from square to rectangular wafer formats. Compared to traditional square M10 cells (182mm x 182mm), rectangular M10RT cells (182.2mm x 186.7mm) deliver 15W higher power output and 0.3% improved conversion efficiency without requiring modifications to standard module dimensions. This incremental gain directly reduces Balance of System (BOS) costs and Levelized Cost of Electricity (LCOE), making rectangular wafer-based modules economically attractive for project developers. The rectangular design also improves container utilization, reduces transportation costs, and provides greater compatibility with inverters and power optimizers.

This report studies the global 54-cell Rectangular Silicon Wafer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for 54-cell Rectangular Silicon Wafer 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 54-cell Rectangular Silicon Wafer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global 54-cell Rectangular Silicon Wafer total production and demand, 2021-2032, (MW)

Global 54-cell Rectangular Silicon Wafer total production value, 2021-2032, (USD Million)

Global 54-cell Rectangular Silicon Wafer production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (MW), (based on production site)

Global 54-cell Rectangular Silicon Wafer consumption by region & country, CAGR,

2021-2032 & (MW)

U.S. VS China: 54-cell Rectangular Silicon Wafer domestic production, consumption, key domestic manufacturers and share

Global 54-cell Rectangular Silicon Wafer production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (MW)

Global 54-cell Rectangular Silicon Wafer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (MW)

Global 54-cell Rectangular Silicon Wafer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (MW)

This report profiles key players in the global 54-cell Rectangular Silicon Wafer 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 Jolywood (Suzhou) Co., Ltd., LONGi Green Energy Technology Co., Ltd., JinkoSolar Holding Co., Ltd., Trina Solar Co., Ltd., JA Solar Technology Co., Ltd., Canadian Solar Inc., Risen Energy Co., Ltd., Tongwei Co., Ltd., Gokin Solar Co., Ltd., Grand Sunergy Tech Co., Ltd., 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 54-cell Rectangular Silicon Wafer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MW) and average price (US\$/KW) 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 54-cell Rectangular Silicon Wafer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global 54-cell Rectangular Silicon Wafer Market, Segmentation by Type:

P-type Silicon Wafer

N-type Silicon Wafer

Global 54-cell Rectangular Silicon Wafer Market, Segmentation by Electrical Parameter:

Open-Circuit Voltage ($V_{oc} \geq 33.24V$)

Short-Circuit Current ($I_{sc} \geq 13.54A$)

Global 54-cell Rectangular Silicon Wafer Market, Segmentation by Power Output:

430-450 W

455-470 W

Above 470 W

Global 54-cell Rectangular Silicon Wafer Market, Segmentation by Application:

Residential Roofs

Industrial and Commercial Roofs

Large Ground Power Stations

Companies Profiled:

Jolywood (Suzhou) Co., Ltd.

LONGi Green Energy Technology Co., Ltd.

JinkoSolar Holding Co., Ltd.

Trina Solar Co., Ltd.

JA Solar Technology Co., Ltd.

Canadian Solar Inc.

Risen Energy Co., Ltd.

Tongwei Co., Ltd.

Gokin Solar Co., Ltd.

Grand Sunergy Tech Co., Ltd.

Huansheng Solar Co., Ltd.

GCL System Integration Technology Co., Ltd.

Meike Solar Co., Ltd.

Akcome Science and Technology Co., Ltd.

Jinergy Co., Ltd.

HuaSun Co., Ltd.

HoRay Solar Co., Ltd.

TW Solar Co., Ltd.

GS-Solar Co., Ltd.

Meyer Burger Technology AG

Hevel Solar LLC

EcoSolifer AG

Sharp Corporation

LG Electronics Inc.

Yingli Solar

Suntech Power Co., Ltd.

Key Questions Answered:

1. How big is the global 54-cell Rectangular Silicon Wafer market?
2. What is the demand of the global 54-cell Rectangular Silicon Wafer market?
3. What is the year over year growth of the global 54-cell Rectangular Silicon Wafer market?
4. What is the production and production value of the global 54-cell Rectangular Silicon Wafer market?
5. Who are the key producers in the global 54-cell Rectangular Silicon Wafer market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 54-cell Rectangular Silicon Wafer Introduction
- 1.2 World 54-cell Rectangular Silicon Wafer Supply & Forecast
 - 1.2.1 World 54-cell Rectangular Silicon Wafer Production Value (2021 & 2025 & 2032)
 - 1.2.2 World 54-cell Rectangular Silicon Wafer Production (2021-2032)
 - 1.2.3 World 54-cell Rectangular Silicon Wafer Pricing Trends (2021-2032)
- 1.3 World 54-cell Rectangular Silicon Wafer Production by Region (Based on Production Site)
 - 1.3.1 World 54-cell Rectangular Silicon Wafer Production Value by Region (2021-2032)
 - 1.3.2 World 54-cell Rectangular Silicon Wafer Production by Region (2021-2032)
 - 1.3.3 World 54-cell Rectangular Silicon Wafer Average Price by Region (2021-2032)
 - 1.3.4 North America 54-cell Rectangular Silicon Wafer Production (2021-2032)
 - 1.3.5 Europe 54-cell Rectangular Silicon Wafer Production (2021-2032)
 - 1.3.6 China 54-cell Rectangular Silicon Wafer Production (2021-2032)
 - 1.3.7 Japan 54-cell Rectangular Silicon Wafer Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 54-cell Rectangular Silicon Wafer Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 54-cell Rectangular Silicon Wafer Major Market Trends

2 DEMAND SUMMARY

- 2.1 World 54-cell Rectangular Silicon Wafer Demand (2021-2032)
- 2.2 World 54-cell Rectangular Silicon Wafer Consumption by Region
 - 2.2.1 World 54-cell Rectangular Silicon Wafer Consumption by Region (2021-2026)
 - 2.2.2 World 54-cell Rectangular Silicon Wafer Consumption Forecast by Region (2027-2032)
- 2.3 United States 54-cell Rectangular Silicon Wafer Consumption (2021-2032)
- 2.4 China 54-cell Rectangular Silicon Wafer Consumption (2021-2032)
- 2.5 Europe 54-cell Rectangular Silicon Wafer Consumption (2021-2032)
- 2.6 Japan 54-cell Rectangular Silicon Wafer Consumption (2021-2032)
- 2.7 South Korea 54-cell Rectangular Silicon Wafer Consumption (2021-2032)
- 2.8 ASEAN 54-cell Rectangular Silicon Wafer Consumption (2021-2032)
- 2.9 India 54-cell Rectangular Silicon Wafer Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World 54-cell Rectangular Silicon Wafer Production Value by Manufacturer (2021-2026)

3.2 World 54-cell Rectangular Silicon Wafer Production by Manufacturer (2021-2026)

3.3 World 54-cell Rectangular Silicon Wafer Average Price by Manufacturer (2021-2026)

3.4 54-cell Rectangular Silicon Wafer Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global 54-cell Rectangular Silicon Wafer Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for 54-cell Rectangular Silicon Wafer in 2025

3.5.3 Global Concentration Ratios (CR8) for 54-cell Rectangular Silicon Wafer in 2025

3.6 54-cell Rectangular Silicon Wafer Market: Overall Company Footprint Analysis

3.6.1 54-cell Rectangular Silicon Wafer Market: Region Footprint

3.6.2 54-cell Rectangular Silicon Wafer Market: Company Product Type Footprint

3.6.3 54-cell Rectangular Silicon Wafer 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: 54-cell Rectangular Silicon Wafer Production Value Comparison

4.1.1 United States VS China: 54-cell Rectangular Silicon Wafer Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: 54-cell Rectangular Silicon Wafer Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: 54-cell Rectangular Silicon Wafer Production Comparison

4.2.1 United States VS China: 54-cell Rectangular Silicon Wafer Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: 54-cell Rectangular Silicon Wafer Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: 54-cell Rectangular Silicon Wafer Consumption Comparison

4.3.1 United States VS China: 54-cell Rectangular Silicon Wafer Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: 54-cell Rectangular Silicon Wafer Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based 54-cell Rectangular Silicon Wafer Manufacturers and Market Share, 2021-2026

4.4.1 United States Based 54-cell Rectangular Silicon Wafer Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value (2021-2026)

4.4.3 United States Based Manufacturers 54-cell Rectangular Silicon Wafer Production (2021-2026)

4.5 China Based 54-cell Rectangular Silicon Wafer Manufacturers and Market Share

4.5.1 China Based 54-cell Rectangular Silicon Wafer Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value (2021-2026)

4.5.3 China Based Manufacturers 54-cell Rectangular Silicon Wafer Production (2021-2026)

4.6 Rest of World Based 54-cell Rectangular Silicon Wafer Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based 54-cell Rectangular Silicon Wafer Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers 54-cell Rectangular Silicon Wafer Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World 54-cell Rectangular Silicon Wafer Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 P-type Silicon Wafer

5.2.2 N-type Silicon Wafer

5.3 Market Segment by Type

5.3.1 World 54-cell Rectangular Silicon Wafer Production by Type (2021-2032)

5.3.2 World 54-cell Rectangular Silicon Wafer Production Value by Type (2021-2032)

5.3.3 World 54-cell Rectangular Silicon Wafer Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY ELECTRICAL PARAMETER

6.1 World 54-cell Rectangular Silicon Wafer Market Size Overview by Electrical Parameter: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Electrical Parameter

6.2.1 Open-Circuit Voltage (V_{oc} ? 33.24V)

6.2.2 Short-Circuit Current (I_{sc} ? 13.54A)

6.3 Market Segment by Electrical Parameter

6.3.1 World 54-cell Rectangular Silicon Wafer Production by Electrical Parameter (2021-2032)

6.3.2 World 54-cell Rectangular Silicon Wafer Production Value by Electrical Parameter (2021-2032)

6.3.3 World 54-cell Rectangular Silicon Wafer Average Price by Electrical Parameter (2021-2032)

7 MARKET ANALYSIS BY POWER OUTPUT

7.1 World 54-cell Rectangular Silicon Wafer Market Size Overview by Power Output: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Power Output

7.2.1 430-450 W

7.2.2 455-470 W

7.2.3 Above 470 W

7.3 Market Segment by Power Output

7.3.1 World 54-cell Rectangular Silicon Wafer Production by Power Output (2021-2032)

7.3.2 World 54-cell Rectangular Silicon Wafer Production Value by Power Output (2021-2032)

7.3.3 World 54-cell Rectangular Silicon Wafer Average Price by Power Output (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World 54-cell Rectangular Silicon Wafer Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Residential Roofs

8.2.2 Industrial and Commercial Roofs

- 8.2.3 Large Ground Power Stations
- 8.3 Market Segment by Application
 - 8.3.1 World 54-cell Rectangular Silicon Wafer Production by Application (2021-2032)
 - 8.3.2 World 54-cell Rectangular Silicon Wafer Production Value by Application (2021-2032)
 - 8.3.3 World 54-cell Rectangular Silicon Wafer Average Price by Application (2021-2032)

9 COMPANY PROFILES

- 9.1 Jolywood (Suzhou) Co., Ltd.
 - 9.1.1 Jolywood (Suzhou) Co., Ltd. Details
 - 9.1.2 Jolywood (Suzhou) Co., Ltd. Major Business
 - 9.1.3 Jolywood (Suzhou) Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.1.4 Jolywood (Suzhou) Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.1.5 Jolywood (Suzhou) Co., Ltd. Recent Developments/Updates
 - 9.1.6 Jolywood (Suzhou) Co., Ltd. Competitive Strengths & Weaknesses
- 9.2 LONGi Green Energy Technology Co., Ltd.
 - 9.2.1 LONGi Green Energy Technology Co., Ltd. Details
 - 9.2.2 LONGi Green Energy Technology Co., Ltd. Major Business
 - 9.2.3 LONGi Green Energy Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.2.4 LONGi Green Energy Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.2.5 LONGi Green Energy Technology Co., Ltd. Recent Developments/Updates
 - 9.2.6 LONGi Green Energy Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.3 JinkoSolar Holding Co., Ltd.
 - 9.3.1 JinkoSolar Holding Co., Ltd. Details
 - 9.3.2 JinkoSolar Holding Co., Ltd. Major Business
 - 9.3.3 JinkoSolar Holding Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.3.4 JinkoSolar Holding Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 JinkoSolar Holding Co., Ltd. Recent Developments/Updates
 - 9.3.6 JinkoSolar Holding Co., Ltd. Competitive Strengths & Weaknesses
- 9.4 Trina Solar Co., Ltd.

- 9.4.1 Trina Solar Co., Ltd. Details
- 9.4.2 Trina Solar Co., Ltd. Major Business
- 9.4.3 Trina Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
- 9.4.4 Trina Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.4.5 Trina Solar Co., Ltd. Recent Developments/Updates
- 9.4.6 Trina Solar Co., Ltd. Competitive Strengths & Weaknesses
- 9.5 JA Solar Technology Co., Ltd.
 - 9.5.1 JA Solar Technology Co., Ltd. Details
 - 9.5.2 JA Solar Technology Co., Ltd. Major Business
 - 9.5.3 JA Solar Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.5.4 JA Solar Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 JA Solar Technology Co., Ltd. Recent Developments/Updates
 - 9.5.6 JA Solar Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.6 Canadian Solar Inc.
 - 9.6.1 Canadian Solar Inc. Details
 - 9.6.2 Canadian Solar Inc. Major Business
 - 9.6.3 Canadian Solar Inc. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.6.4 Canadian Solar Inc. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.6.5 Canadian Solar Inc. Recent Developments/Updates
 - 9.6.6 Canadian Solar Inc. Competitive Strengths & Weaknesses
- 9.7 Risen Energy Co., Ltd.
 - 9.7.1 Risen Energy Co., Ltd. Details
 - 9.7.2 Risen Energy Co., Ltd. Major Business
 - 9.7.3 Risen Energy Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.7.4 Risen Energy Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Risen Energy Co., Ltd. Recent Developments/Updates
 - 9.7.6 Risen Energy Co., Ltd. Competitive Strengths & Weaknesses
- 9.8 Tongwei Co., Ltd.
 - 9.8.1 Tongwei Co., Ltd. Details
 - 9.8.2 Tongwei Co., Ltd. Major Business
 - 9.8.3 Tongwei Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.8.4 Tongwei Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Tongwei Co., Ltd. Recent Developments/Updates

- 9.8.6 Tongwei Co., Ltd. Competitive Strengths & Weaknesses
- 9.9 Gokin Solar Co., Ltd.
 - 9.9.1 Gokin Solar Co., Ltd. Details
 - 9.9.2 Gokin Solar Co., Ltd. Major Business
 - 9.9.3 Gokin Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.9.4 Gokin Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Gokin Solar Co., Ltd. Recent Developments/Updates
 - 9.9.6 Gokin Solar Co., Ltd. Competitive Strengths & Weaknesses
- 9.10 Grand Sunergy Tech Co., Ltd.
 - 9.10.1 Grand Sunergy Tech Co., Ltd. Details
 - 9.10.2 Grand Sunergy Tech Co., Ltd. Major Business
 - 9.10.3 Grand Sunergy Tech Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.10.4 Grand Sunergy Tech Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Grand Sunergy Tech Co., Ltd. Recent Developments/Updates
 - 9.10.6 Grand Sunergy Tech Co., Ltd. Competitive Strengths & Weaknesses
- 9.11 Huansheng Solar Co., Ltd.
 - 9.11.1 Huansheng Solar Co., Ltd. Details
 - 9.11.2 Huansheng Solar Co., Ltd. Major Business
 - 9.11.3 Huansheng Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.11.4 Huansheng Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Huansheng Solar Co., Ltd. Recent Developments/Updates
 - 9.11.6 Huansheng Solar Co., Ltd. Competitive Strengths & Weaknesses
- 9.12 GCL System Integration Technology Co., Ltd.
 - 9.12.1 GCL System Integration Technology Co., Ltd. Details
 - 9.12.2 GCL System Integration Technology Co., Ltd. Major Business
 - 9.12.3 GCL System Integration Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.12.4 GCL System Integration Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 GCL System Integration Technology Co., Ltd. Recent Developments/Updates
 - 9.12.6 GCL System Integration Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.13 Meike Solar Co., Ltd.
 - 9.13.1 Meike Solar Co., Ltd. Details

- 9.13.2 Meike Solar Co., Ltd. Major Business
- 9.13.3 Meike Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
- 9.13.4 Meike Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.13.5 Meike Solar Co., Ltd. Recent Developments/Updates
- 9.13.6 Meike Solar Co., Ltd. Competitive Strengths & Weaknesses
- 9.14 Akcome Science and Technology Co., Ltd.
 - 9.14.1 Akcome Science and Technology Co., Ltd. Details
 - 9.14.2 Akcome Science and Technology Co., Ltd. Major Business
 - 9.14.3 Akcome Science and Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.14.4 Akcome Science and Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 Akcome Science and Technology Co., Ltd. Recent Developments/Updates
 - 9.14.6 Akcome Science and Technology Co., Ltd. Competitive Strengths & Weaknesses
- 9.15 Jinergy Co., Ltd.
 - 9.15.1 Jinergy Co., Ltd. Details
 - 9.15.2 Jinergy Co., Ltd. Major Business
 - 9.15.3 Jinergy Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.15.4 Jinergy Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.15.5 Jinergy Co., Ltd. Recent Developments/Updates
 - 9.15.6 Jinergy Co., Ltd. Competitive Strengths & Weaknesses
- 9.16 HuaSun Co., Ltd.
 - 9.16.1 HuaSun Co., Ltd. Details
 - 9.16.2 HuaSun Co., Ltd. Major Business
 - 9.16.3 HuaSun Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.16.4 HuaSun Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.16.5 HuaSun Co., Ltd. Recent Developments/Updates
 - 9.16.6 HuaSun Co., Ltd. Competitive Strengths & Weaknesses
- 9.17 HoRay Solar Co., Ltd.
 - 9.17.1 HoRay Solar Co., Ltd. Details
 - 9.17.2 HoRay Solar Co., Ltd. Major Business
 - 9.17.3 HoRay Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.17.4 HoRay Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.17.5 HoRay Solar Co., Ltd. Recent Developments/Updates

- 9.17.6 HoRay Solar Co., Ltd. Competitive Strengths & Weaknesses
- 9.18 TW Solar Co., Ltd.
 - 9.18.1 TW Solar Co., Ltd. Details
 - 9.18.2 TW Solar Co., Ltd. Major Business
 - 9.18.3 TW Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.18.4 TW Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.18.5 TW Solar Co., Ltd. Recent Developments/Updates
 - 9.18.6 TW Solar Co., Ltd. Competitive Strengths & Weaknesses
- 9.19 GS-Solar Co., Ltd.
 - 9.19.1 GS-Solar Co., Ltd. Details
 - 9.19.2 GS-Solar Co., Ltd. Major Business
 - 9.19.3 GS-Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
 - 9.19.4 GS-Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.19.5 GS-Solar Co., Ltd. Recent Developments/Updates
 - 9.19.6 GS-Solar Co., Ltd. Competitive Strengths & Weaknesses
- 9.20 Meyer Burger Technology AG
 - 9.20.1 Meyer Burger Technology AG Details
 - 9.20.2 Meyer Burger Technology AG Major Business
 - 9.20.3 Meyer Burger Technology AG 54-cell Rectangular Silicon Wafer Product and Services
 - 9.20.4 Meyer Burger Technology AG 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Meyer Burger Technology AG Recent Developments/Updates
 - 9.20.6 Meyer Burger Technology AG Competitive Strengths & Weaknesses
- 9.21 Hevel Solar LLC
 - 9.21.1 Hevel Solar LLC Details
 - 9.21.2 Hevel Solar LLC Major Business
 - 9.21.3 Hevel Solar LLC 54-cell Rectangular Silicon Wafer Product and Services
 - 9.21.4 Hevel Solar LLC 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.21.5 Hevel Solar LLC Recent Developments/Updates
 - 9.21.6 Hevel Solar LLC Competitive Strengths & Weaknesses
- 9.22 EcoSolifer AG
 - 9.22.1 EcoSolifer AG Details
 - 9.22.2 EcoSolifer AG Major Business
 - 9.22.3 EcoSolifer AG 54-cell Rectangular Silicon Wafer Product and Services
 - 9.22.4 EcoSolifer AG 54-cell Rectangular Silicon Wafer Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.22.5 EcoSolifer AG Recent Developments/Updates

9.22.6 EcoSolifer AG Competitive Strengths & Weaknesses

9.23 Sharp Corporation

9.23.1 Sharp Corporation Details

9.23.2 Sharp Corporation Major Business

9.23.3 Sharp Corporation 54-cell Rectangular Silicon Wafer Product and Services

9.23.4 Sharp Corporation 54-cell Rectangular Silicon Wafer Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.23.5 Sharp Corporation Recent Developments/Updates

9.23.6 Sharp Corporation Competitive Strengths & Weaknesses

9.24 LG Electronics Inc.

9.24.1 LG Electronics Inc. Details

9.24.2 LG Electronics Inc. Major Business

9.24.3 LG Electronics Inc. 54-cell Rectangular Silicon Wafer Product and Services

9.24.4 LG Electronics Inc. 54-cell Rectangular Silicon Wafer Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.24.5 LG Electronics Inc. Recent Developments/Updates

9.24.6 LG Electronics Inc. Competitive Strengths & Weaknesses

9.25 Yingli Solar

9.25.1 Yingli Solar Details

9.25.2 Yingli Solar Major Business

9.25.3 Yingli Solar 54-cell Rectangular Silicon Wafer Product and Services

9.25.4 Yingli Solar 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.25.5 Yingli Solar Recent Developments/Updates

9.25.6 Yingli Solar Competitive Strengths & Weaknesses

9.26 Suntech Power Co., Ltd.

9.26.1 Suntech Power Co., Ltd. Details

9.26.2 Suntech Power Co., Ltd. Major Business

9.26.3 Suntech Power Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

9.26.4 Suntech Power Co., Ltd. 54-cell Rectangular Silicon Wafer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.26.5 Suntech Power Co., Ltd. Recent Developments/Updates

9.26.6 Suntech Power Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 54-cell Rectangular Silicon Wafer Industry Chain
- 10.2 54-cell Rectangular Silicon Wafer Upstream Analysis
 - 10.2.1 54-cell Rectangular Silicon Wafer Core Raw Materials
 - 10.2.2 Main Manufacturers of 54-cell Rectangular Silicon Wafer Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 54-cell Rectangular Silicon Wafer Production Mode
- 10.6 54-cell Rectangular Silicon Wafer Procurement Model
- 10.7 54-cell Rectangular Silicon Wafer Industry Sales Model and Sales Channels
 - 10.7.1 54-cell Rectangular Silicon Wafer Sales Model
 - 10.7.2 54-cell Rectangular Silicon Wafer 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 54-cell Rectangular Silicon Wafer Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World 54-cell Rectangular Silicon Wafer Production Value by Region (2021-2026) & (USD Million)

Table 3. World 54-cell Rectangular Silicon Wafer Production Value by Region (2027-2032) & (USD Million)

Table 4. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Region (2021-2026)

Table 5. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Region (2027-2032)

Table 6. World 54-cell Rectangular Silicon Wafer Production by Region (2021-2026) & (MW)

Table 7. World 54-cell Rectangular Silicon Wafer Production by Region (2027-2032) & (MW)

Table 8. World 54-cell Rectangular Silicon Wafer Production Market Share by Region (2021-2026)

Table 9. World 54-cell Rectangular Silicon Wafer Production Market Share by Region (2027-2032)

Table 10. World 54-cell Rectangular Silicon Wafer Average Price by Region (2021-2026) & (US\$/KW)

Table 11. World 54-cell Rectangular Silicon Wafer Average Price by Region (2027-2032) & (US\$/KW)

Table 12. 54-cell Rectangular Silicon Wafer Major Market Trends

Table 13. World 54-cell Rectangular Silicon Wafer Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (MW)

Table 14. World 54-cell Rectangular Silicon Wafer Consumption by Region (2021-2026) & (MW)

Table 15. World 54-cell Rectangular Silicon Wafer Consumption Forecast by Region (2027-2032) & (MW)

Table 16. World 54-cell Rectangular Silicon Wafer Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key 54-cell Rectangular Silicon Wafer Producers in 2025

Table 18. World 54-cell Rectangular Silicon Wafer Production by Manufacturer (2021-2026) & (MW)

Table 19. Production Market Share of Key 54-cell Rectangular Silicon Wafer Producers in 2025

Table 20. World 54-cell Rectangular Silicon Wafer Average Price by Manufacturer (2021-2026) & (US\$/KW)

Table 21. Global 54-cell Rectangular Silicon Wafer Company Evaluation Quadrant

Table 22. World 54-cell Rectangular Silicon Wafer Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and 54-cell Rectangular Silicon Wafer Production Site of Key Manufacturer

Table 24. 54-cell Rectangular Silicon Wafer Market: Company Product Type Footprint

Table 25. 54-cell Rectangular Silicon Wafer Market: Company Product Application Footprint

Table 26. 54-cell Rectangular Silicon Wafer Competitive Factors

Table 27. 54-cell Rectangular Silicon Wafer New Entrant and Capacity Expansion Plans

Table 28. 54-cell Rectangular Silicon Wafer Mergers & Acquisitions Activity

Table 29. United States VS China 54-cell Rectangular Silicon Wafer Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China 54-cell Rectangular Silicon Wafer Production Comparison, (2021 & 2025 & 2032) & (MW)

Table 31. United States VS China 54-cell Rectangular Silicon Wafer Consumption Comparison, (2021 & 2025 & 2032) & (MW)

Table 32. United States Based 54-cell Rectangular Silicon Wafer Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers 54-cell Rectangular Silicon Wafer Production (2021-2026) & (MW)

Table 36. United States Based Manufacturers 54-cell Rectangular Silicon Wafer Production Market Share (2021-2026)

Table 37. China Based 54-cell Rectangular Silicon Wafer Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers 54-cell Rectangular Silicon Wafer Production, (2021-2026) & (MW)

Table 41. China Based Manufacturers 54-cell Rectangular Silicon Wafer Production Market Share (2021-2026)

Table 42. Rest of World Based 54-cell Rectangular Silicon Wafer Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers 54-cell Rectangular Silicon Wafer Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers 54-cell Rectangular Silicon Wafer Production, (2021-2026) & (MW)

Table 46. Rest of World Based Manufacturers 54-cell Rectangular Silicon Wafer Production Market Share (2021-2026)

Table 47. World 54-cell Rectangular Silicon Wafer Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World 54-cell Rectangular Silicon Wafer Production by Type (2021-2026) & (MW)

Table 49. World 54-cell Rectangular Silicon Wafer Production by Type (2027-2032) & (MW)

Table 50. World 54-cell Rectangular Silicon Wafer Production Value by Type (2021-2026) & (USD Million)

Table 51. World 54-cell Rectangular Silicon Wafer Production Value by Type (2027-2032) & (USD Million)

Table 52. World 54-cell Rectangular Silicon Wafer Average Price by Type (2021-2026) & (US\$/KW)

Table 53. World 54-cell Rectangular Silicon Wafer Average Price by Type (2027-2032) & (US\$/KW)

Table 54. World 54-cell Rectangular Silicon Wafer Production Value by Electrical Parameter, (USD Million), 2021 & 2025 & 2032

Table 55. World 54-cell Rectangular Silicon Wafer Production by Electrical Parameter (2021-2026) & (MW)

Table 56. World 54-cell Rectangular Silicon Wafer Production by Electrical Parameter (2027-2032) & (MW)

Table 57. World 54-cell Rectangular Silicon Wafer Production Value by Electrical Parameter (2021-2026) & (USD Million)

Table 58. World 54-cell Rectangular Silicon Wafer Production Value by Electrical Parameter (2027-2032) & (USD Million)

Table 59. World 54-cell Rectangular Silicon Wafer Average Price by Electrical Parameter (2021-2026) & (US\$/KW)

Table 60. World 54-cell Rectangular Silicon Wafer Average Price by Electrical

Parameter (2027-2032) & (US\$/KW)

Table 61. World 54-cell Rectangular Silicon Wafer Production Value by Power Output, (USD Million), 2021 & 2025 & 2032

Table 62. World 54-cell Rectangular Silicon Wafer Production by Power Output (2021-2026) & (MW)

Table 63. World 54-cell Rectangular Silicon Wafer Production by Power Output (2027-2032) & (MW)

Table 64. World 54-cell Rectangular Silicon Wafer Production Value by Power Output (2021-2026) & (USD Million)

Table 65. World 54-cell Rectangular Silicon Wafer Production Value by Power Output (2027-2032) & (USD Million)

Table 66. World 54-cell Rectangular Silicon Wafer Average Price by Power Output (2021-2026) & (US\$/KW)

Table 67. World 54-cell Rectangular Silicon Wafer Average Price by Power Output (2027-2032) & (US\$/KW)

Table 68. World 54-cell Rectangular Silicon Wafer Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World 54-cell Rectangular Silicon Wafer Production by Application (2021-2026) & (MW)

Table 70. World 54-cell Rectangular Silicon Wafer Production by Application (2027-2032) & (MW)

Table 71. World 54-cell Rectangular Silicon Wafer Production Value by Application (2021-2026) & (USD Million)

Table 72. World 54-cell Rectangular Silicon Wafer Production Value by Application (2027-2032) & (USD Million)

Table 73. World 54-cell Rectangular Silicon Wafer Average Price by Application (2021-2026) & (US\$/KW)

Table 74. World 54-cell Rectangular Silicon Wafer Average Price by Application (2027-2032) & (US\$/KW)

Table 75. Jolywood (Suzhou) Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 76. Jolywood (Suzhou) Co., Ltd. Major Business

Table 77. Jolywood (Suzhou) Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 78. Jolywood (Suzhou) Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Jolywood (Suzhou) Co., Ltd. Recent Developments/Updates

Table 80. Jolywood (Suzhou) Co., Ltd. Competitive Strengths & Weaknesses

Table 81. LONGi Green Energy Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 82. LONGi Green Energy Technology Co., Ltd. Major Business

Table 83. LONGi Green Energy Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 84. LONGi Green Energy Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. LONGi Green Energy Technology Co., Ltd. Recent Developments/Updates

Table 86. LONGi Green Energy Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 87. JinkoSolar Holding Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 88. JinkoSolar Holding Co., Ltd. Major Business

Table 89. JinkoSolar Holding Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 90. JinkoSolar Holding Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. JinkoSolar Holding Co., Ltd. Recent Developments/Updates

Table 92. JinkoSolar Holding Co., Ltd. Competitive Strengths & Weaknesses

Table 93. Trina Solar Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 94. Trina Solar Co., Ltd. Major Business

Table 95. Trina Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 96. Trina Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Trina Solar Co., Ltd. Recent Developments/Updates

Table 98. Trina Solar Co., Ltd. Competitive Strengths & Weaknesses

Table 99. JA Solar Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 100. JA Solar Technology Co., Ltd. Major Business

Table 101. JA Solar Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 102. JA Solar Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. JA Solar Technology Co., Ltd. Recent Developments/Updates

Table 104. JA Solar Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 105. Canadian Solar Inc. Basic Information, Manufacturing Base and Competitors

Table 106. Canadian Solar Inc. Major Business

Table 107. Canadian Solar Inc. 54-cell Rectangular Silicon Wafer Product and Services

Table 108. Canadian Solar Inc. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Canadian Solar Inc. Recent Developments/Updates

Table 110. Canadian Solar Inc. Competitive Strengths & Weaknesses

Table 111. Risen Energy Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 112. Risen Energy Co., Ltd. Major Business

Table 113. Risen Energy Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 114. Risen Energy Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Risen Energy Co., Ltd. Recent Developments/Updates

Table 116. Risen Energy Co., Ltd. Competitive Strengths & Weaknesses

Table 117. Tongwei Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 118. Tongwei Co., Ltd. Major Business

Table 119. Tongwei Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 120. Tongwei Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Tongwei Co., Ltd. Recent Developments/Updates

Table 122. Tongwei Co., Ltd. Competitive Strengths & Weaknesses

Table 123. Gokin Solar Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 124. Gokin Solar Co., Ltd. Major Business

Table 125. Gokin Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 126. Gokin Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Gokin Solar Co., Ltd. Recent Developments/Updates

Table 128. Gokin Solar Co., Ltd. Competitive Strengths & Weaknesses

Table 129. Grand Sunergy Tech Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 130. Grand Sunergy Tech Co., Ltd. Major Business

Table 131. Grand Sunergy Tech Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 132. Grand Sunergy Tech Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Grand Sunergy Tech Co., Ltd. Recent Developments/Updates

Table 134. Grand Sunergy Tech Co., Ltd. Competitive Strengths & Weaknesses

Table 135. Huansheng Solar Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 136. Huansheng Solar Co., Ltd. Major Business

Table 137. Huansheng Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 138. Huansheng Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Huansheng Solar Co., Ltd. Recent Developments/Updates

Table 140. Huansheng Solar Co., Ltd. Competitive Strengths & Weaknesses

Table 141. GCL System Integration Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 142. GCL System Integration Technology Co., Ltd. Major Business

Table 143. GCL System Integration Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 144. GCL System Integration Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. GCL System Integration Technology Co., Ltd. Recent Developments/Updates

Table 146. GCL System Integration Technology Co., Ltd. Competitive Strengths & Weaknesses

Table 147. Meike Solar Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 148. Meike Solar Co., Ltd. Major Business

Table 149. Meike Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services

Table 150. Meike Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. Meike Solar Co., Ltd. Recent Developments/Updates

Table 152. Meike Solar Co., Ltd. Competitive Strengths & Weaknesses

Table 153. Akcome Science and Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 154. Akcome Science and Technology Co., Ltd. Major Business
Table 155. Akcome Science and Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
Table 156. Akcome Science and Technology Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Akcome Science and Technology Co., Ltd. Recent Developments/Updates
Table 158. Akcome Science and Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 159. Jinergy Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 160. Jinergy Co., Ltd. Major Business
Table 161. Jinergy Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
Table 162. Jinergy Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. Jinergy Co., Ltd. Recent Developments/Updates
Table 164. Jinergy Co., Ltd. Competitive Strengths & Weaknesses
Table 165. HuaSun Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 166. HuaSun Co., Ltd. Major Business
Table 167. HuaSun Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
Table 168. HuaSun Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 169. HuaSun Co., Ltd. Recent Developments/Updates
Table 170. HuaSun Co., Ltd. Competitive Strengths & Weaknesses
Table 171. HoRay Solar Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 172. HoRay Solar Co., Ltd. Major Business
Table 173. HoRay Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
Table 174. HoRay Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 175. HoRay Solar Co., Ltd. Recent Developments/Updates
Table 176. HoRay Solar Co., Ltd. Competitive Strengths & Weaknesses
Table 177. TW Solar Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 178. TW Solar Co., Ltd. Major Business

Table 179. TW Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
Table 180. TW Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 181. TW Solar Co., Ltd. Recent Developments/Updates
Table 182. TW Solar Co., Ltd. Competitive Strengths & Weaknesses
Table 183. GS-Solar Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 184. GS-Solar Co., Ltd. Major Business
Table 185. GS-Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
Table 186. GS-Solar Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 187. GS-Solar Co., Ltd. Recent Developments/Updates
Table 188. GS-Solar Co., Ltd. Competitive Strengths & Weaknesses
Table 189. Meyer Burger Technology AG Basic Information, Manufacturing Base and Competitors
Table 190. Meyer Burger Technology AG Major Business
Table 191. Meyer Burger Technology AG 54-cell Rectangular Silicon Wafer Product and Services
Table 192. Meyer Burger Technology AG 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 193. Meyer Burger Technology AG Recent Developments/Updates
Table 194. Meyer Burger Technology AG Competitive Strengths & Weaknesses
Table 195. Hevel Solar LLC Basic Information, Manufacturing Base and Competitors
Table 196. Hevel Solar LLC Major Business
Table 197. Hevel Solar LLC 54-cell Rectangular Silicon Wafer Product and Services
Table 198. Hevel Solar LLC 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 199. Hevel Solar LLC Recent Developments/Updates
Table 200. Hevel Solar LLC Competitive Strengths & Weaknesses
Table 201. EcoSolifer AG Basic Information, Manufacturing Base and Competitors
Table 202. EcoSolifer AG Major Business
Table 203. EcoSolifer AG 54-cell Rectangular Silicon Wafer Product and Services
Table 204. EcoSolifer AG 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 205. EcoSolifer AG Recent Developments/Updates

Table 206. EcoSolifer AG Competitive Strengths & Weaknesses
Table 207. Sharp Corporation Basic Information, Manufacturing Base and Competitors
Table 208. Sharp Corporation Major Business
Table 209. Sharp Corporation 54-cell Rectangular Silicon Wafer Product and Services
Table 210. Sharp Corporation 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 211. Sharp Corporation Recent Developments/Updates
Table 212. Sharp Corporation Competitive Strengths & Weaknesses
Table 213. LG Electronics Inc. Basic Information, Manufacturing Base and Competitors
Table 214. LG Electronics Inc. Major Business
Table 215. LG Electronics Inc. 54-cell Rectangular Silicon Wafer Product and Services
Table 216. LG Electronics Inc. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 217. LG Electronics Inc. Recent Developments/Updates
Table 218. LG Electronics Inc. Competitive Strengths & Weaknesses
Table 219. Yingli Solar Basic Information, Manufacturing Base and Competitors
Table 220. Yingli Solar Major Business
Table 221. Yingli Solar 54-cell Rectangular Silicon Wafer Product and Services
Table 222. Yingli Solar 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 223. Yingli Solar Recent Developments/Updates
Table 224. Yingli Solar Competitive Strengths & Weaknesses
Table 225. Suntech Power Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 226. Suntech Power Co., Ltd. Major Business
Table 227. Suntech Power Co., Ltd. 54-cell Rectangular Silicon Wafer Product and Services
Table 228. Suntech Power Co., Ltd. 54-cell Rectangular Silicon Wafer Production (MW), Price (US\$/KW), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 229. Suntech Power Co., Ltd. Recent Developments/Updates
Table 230. Suntech Power Co., Ltd. Competitive Strengths & Weaknesses
Table 231. Global Key Players of 54-cell Rectangular Silicon Wafer Upstream (Raw Materials)
Table 232. Global 54-cell Rectangular Silicon Wafer Typical Customers
Table 233. 54-cell Rectangular Silicon Wafer Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. 54-cell Rectangular Silicon Wafer Picture

Figure 2. World 54-cell Rectangular Silicon Wafer Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World 54-cell Rectangular Silicon Wafer Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World 54-cell Rectangular Silicon Wafer Production (2021-2032) & (MW)

Figure 5. World 54-cell Rectangular Silicon Wafer Average Price (2021-2032) & (US\$/KW)

Figure 6. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Region (2021-2032)

Figure 7. World 54-cell Rectangular Silicon Wafer Production Market Share by Region (2021-2032)

Figure 8. North America 54-cell Rectangular Silicon Wafer Production (2021-2032) & (MW)

Figure 9. Europe 54-cell Rectangular Silicon Wafer Production (2021-2032) & (MW)

Figure 10. China 54-cell Rectangular Silicon Wafer Production (2021-2032) & (MW)

Figure 11. Japan 54-cell Rectangular Silicon Wafer Production (2021-2032) & (MW)

Figure 12. 54-cell Rectangular Silicon Wafer Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 15. World 54-cell Rectangular Silicon Wafer Consumption Market Share by Region (2021-2032)

Figure 16. United States 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 17. China 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 18. Europe 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 19. Japan 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 20. South Korea 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 21. ASEAN 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 22. India 54-cell Rectangular Silicon Wafer Consumption (2021-2032) & (MW)

Figure 23. Producer Shipments of 54-cell Rectangular Silicon Wafer by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for 54-cell Rectangular Silicon Wafer Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for 54-cell Rectangular Silicon Wafer Markets in 2025

Figure 26. United States VS China: 54-cell Rectangular Silicon Wafer Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: 54-cell Rectangular Silicon Wafer Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: 54-cell Rectangular Silicon Wafer Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers 54-cell Rectangular Silicon Wafer Production Market Share 2025

Figure 30. China Based Manufacturers 54-cell Rectangular Silicon Wafer Production Market Share 2025

Figure 31. Rest of World Based Manufacturers 54-cell Rectangular Silicon Wafer Production Market Share 2025

Figure 32. World 54-cell Rectangular Silicon Wafer Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Type in 2025

Figure 34. P-type Silicon Wafer

Figure 35. N-type Silicon Wafer

Figure 36. World 54-cell Rectangular Silicon Wafer Production Market Share by Type (2021-2032)

Figure 37. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Type (2021-2032)

Figure 38. World 54-cell Rectangular Silicon Wafer Average Price by Type (2021-2032) & (US\$/KW)

Figure 39. World 54-cell Rectangular Silicon Wafer Production Value by Electrical Parameter, (USD Million), 2021 & 2025 & 2032

Figure 40. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Electrical Parameter in 2025

Figure 41. Open-Circuit Voltage (Voc ? 33.24V)

Figure 42. Short-Circuit Current (Isc ? 13.54A)

Figure 43. World 54-cell Rectangular Silicon Wafer Production Market Share by Electrical Parameter (2021-2032)

Figure 44. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Electrical Parameter (2021-2032)

Figure 45. World 54-cell Rectangular Silicon Wafer Average Price by Electrical Parameter (2021-2032) & (US\$/KW)

Figure 46. World 54-cell Rectangular Silicon Wafer Production Value by Power Output,

(USD Million), 2021 & 2025 & 2032

Figure 47. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Power Output in 2025

Figure 48. 430-450 W

Figure 49. 455-470 W

Figure 50. Above 470 W

Figure 51. World 54-cell Rectangular Silicon Wafer Production Market Share by Power Output (2021-2032)

Figure 52. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Power Output (2021-2032)

Figure 53. World 54-cell Rectangular Silicon Wafer Average Price by Power Output (2021-2032) & (US\$/KW)

Figure 54. World 54-cell Rectangular Silicon Wafer Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 55. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Application in 2025

Figure 56. Residential Roofs

Figure 57. Industrial and Commercial Roofs

Figure 58. Large Ground Power Stations

Figure 59. World 54-cell Rectangular Silicon Wafer Production Market Share by Application (2021-2032)

Figure 60. World 54-cell Rectangular Silicon Wafer Production Value Market Share by Application (2021-2032)

Figure 61. World 54-cell Rectangular Silicon Wafer Average Price by Application (2021-2032) & (US\$/KW)

Figure 62. 54-cell Rectangular Silicon Wafer Industry Chain

Figure 63. 54-cell Rectangular Silicon Wafer Procurement Model

Figure 64. 54-cell Rectangular Silicon Wafer Sales Model

Figure 65. 54-cell Rectangular Silicon Wafer Sales Channels, Direct Sales, and Distribution

Figure 66. Methodology

Figure 67. Research Process and Data Source

I would like to order

Product name: Global 54-cell Rectangular Silicon Wafer Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G12909BEC1EAEN.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/G12909BEC1EAEN.html>