

Global PV and Electronic Grade Polysilicon Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G05F98222839EN.html>

Date: August 2026

Pages: 206

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

ID: G05F98222839EN

Abstracts

The global PV and Electronic Grade Polysilicon market size is expected to reach \$ 15803 million by 2032, rising at a market growth of 4.3% CAGR during the forecast period (2026-2032).

PV-grade polysilicon refers to high-purity polycrystalline silicon that is chemically refined and qualified for crystalline-silicon photovoltaic manufacturing. It is one of the most critical upstream silicon feedstocks in the solar photovoltaic value chain. PV-grade polysilicon is typically produced from metallurgical-grade silicon through trichlorosilane- or silane-based chemical purification, deposition, crushing, cleaning, classification and packaging processes. It is mainly consumed in monocrystalline ingot pulling and multicrystalline ingot casting, and is ultimately linked to downstream wafer, cell and module production for TOPCon, HJT, BC/IBC, PERC and multicrystalline photovoltaic technologies.

Electronic Grade Polysilicon refers to high purity polycrystalline silicon materials used for semiconductor-grade single crystal silicon ingots, semiconductor wafers and related silicon components. The scope includes chunks, rods, cut rods and granular products clearly used for semiconductor wafer production and single crystal silicon growth.

The high-purity polysilicon market is entering a structural adjustment phase characterized by oversupply correction in photovoltaic applications, high-end qualification requirements in semiconductor applications, and regional supply-chain restructuring. High-purity polysilicon can be divided into two major application grades: PV-grade polysilicon and electronic-grade polysilicon. PV-grade polysilicon is mainly used in crystalline-silicon photovoltaic manufacturing, including monocrystalline ingot pulling, multicrystalline ingot casting and wafer production, and serves as a key

upstream material affecting the cost structure of solar modules. Electronic-grade polysilicon is mainly used in semiconductor wafer production, single-crystal silicon growth and related silicon-based materials, and is a critical high-purity material for advanced logic, memory, power devices, AI chips and automotive semiconductors.

From a market-cycle perspective, PV-grade polysilicon has shifted from the high-boom expansion cycle of 2020?2024 into a deep price-adjustment and capacity-rationalization phase. After large-scale capacity additions by leading Chinese producers, global supply has significantly exceeded the short-term absorption capacity of downstream wafer, cell and module manufacturers. This has driven a sharp decline in prices and forced some high-cost producers to reduce operating rates, enter maintenance, or exit the market. The competitive logic of the PV-grade polysilicon market has therefore moved from capacity scale to low cost, low power consumption, low carbon emissions, high-quality N-type material and stable customer relationships. As TOPCon, HJT and BC/IBC technologies continue to penetrate the market, demand for high-quality N-type mono-grade polysilicon is increasing. At the same time, fluidized-bed reactor granular polysilicon is gaining attention among leading customers due to its advantages in continuous feeding, furnace recharging efficiency, energy consumption and carbon footprint. However, in the near term, granular silicon is more likely to be used in blends with chunk polysilicon rather than fully replacing Siemens-process material.

Electronic-grade polysilicon shows a very different market profile from PV-grade polysilicon. Although its market volume is much smaller, its technical barriers, customer qualification cycle, batch stability and quality-consistency requirements are significantly higher. Competition is not driven simply by production tonnage, but by purity control, metallic impurity control, clean post-treatment, stable supply of high-purity chlorosilanes or silane, long-term customer qualification and regional delivery capability. North America, Europe, Japan, South Korea and China together form the core global supply structure. China is accelerating domestic substitution and local supply-chain development, North America is strengthening localized supply of high-purity materials, Europe maintains strategic high-end supply capabilities, while Japanese and Korean suppliers still hold advantages in semiconductor material qualification and customer stickiness.

In the long term, the high-purity polysilicon market will become increasingly differentiated. PV-grade polysilicon is likely to remain supported by long-term volume demand, but prices will continue to face pressure from industry cycles and excess capacity, with profit pools shifting toward low-cost leading producers. Electronic-grade polysilicon is expected to show steadier demand growth, stronger pricing resilience and

higher profitability for suppliers with advanced purity-control capabilities and established customer qualifications. During 2026-2032, global solar installations, N-type cell penetration, AI and HPC chips, power devices, automotive semiconductors and regional supply-chain localization will jointly support demand growth for high-purity polysilicon. At the same time, producers will still need to manage risks from PV oversupply, energy costs, trade policy, low-carbon compliance, long customer qualification cycles and rising quality-consistency requirements. Overall, high-purity polysilicon is no longer a simple capacity-expansion market; it is becoming a critical silicon-material market where competitiveness is determined by application grade, cost curve, regional supply security and customer qualification capability.

This report studies the global PV and Electronic Grade Polysilicon production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for PV and Electronic Grade Polysilicon 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 PV and Electronic Grade Polysilicon that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global PV and Electronic Grade Polysilicon total production and demand, 2021-2032, (Kilotons)

Global PV and Electronic Grade Polysilicon total production value, 2021-2032, (USD Million)

Global PV and Electronic Grade Polysilicon production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons), (based on production site)

Global PV and Electronic Grade Polysilicon consumption by region & country, CAGR, 2021-2032 & (Kilotons)

U.S. VS China: PV and Electronic Grade Polysilicon domestic production, consumption, key domestic manufacturers and share

Global PV and Electronic Grade Polysilicon production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Kilotons)

Global PV and Electronic Grade Polysilicon production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

Global PV and Electronic Grade Polysilicon production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Kilotons)

This report profiles key players in the global PV and Electronic Grade Polysilicon 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 Yongxiang, GCL Technology, Xinte Energy, Daqo, Asia Silicon, Hongyuan, ERDOS, East Hope, Qinghai Lihao, Xinjiang Qiya, 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 PV and Electronic Grade Polysilicon market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Kilotons) and average price (US\$/Ton) 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 PV and Electronic Grade Polysilicon Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global PV and Electronic Grade Polysilicon Market, Segmentation by Type:

Electronic Grade Polysilicon

PV Grade Polysilicon

Global PV and Electronic Grade Polysilicon Market, Segmentation by Form:

Chunks

Rods

Cut Rods

Granular Products

Global PV and Electronic Grade Polysilicon Market, Segmentation by Purity:

8N

9N

11N

12N

Global PV and Electronic Grade Polysilicon Market, Segmentation by Application:

TOPCon Cells and Modules

HJT Cells and Modules

BC / IBC Cells and Modules

PERC Cells and Modules

Semiconductor Wafers

Single Crystal Silicon Growth

Zone Melting Single Crystal

Silicon Components

Others

Companies Profiled:

Yongxiang

GCL Technology

Xinte Energy

Daqo

Asia Silicon

Hongyuan

ERDOS

East Hope

Qinghai Lihao

Xinjiang Qiya

Jiangsu Runergy

Xinjiang Jingnuo

Xinjiang Goens

Dongli

Risen Energy

CSG

Baofeng Group

Tian Hong

Hoshine

Wacker

OCI

Hemlock Semiconductor

REC

United Solar Polysilicon

Hemlock

Tokuyama

High-Purity Silicon Corporation

Xinhua Semiconductor

Huanghe Hydropower

Tianhong REC

Luoyang China Silicon

Silane Technology

Key Questions Answered:

1. How big is the global PV and Electronic Grade Polysilicon market?
2. What is the demand of the global PV and Electronic Grade Polysilicon market?
3. What is the year over year growth of the global PV and Electronic Grade Polysilicon market?
4. What is the production and production value of the global PV and Electronic Grade Polysilicon market?
5. Who are the key producers in the global PV and Electronic Grade Polysilicon market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

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

2 DEMAND SUMMARY

- 2.1 World PV and Electronic Grade Polysilicon Demand (2021-2032)
- 2.2 World PV and Electronic Grade Polysilicon Consumption by Region
 - 2.2.1 World PV and Electronic Grade Polysilicon Consumption by Region (2021-2026)
 - 2.2.2 World PV and Electronic Grade Polysilicon Consumption Forecast by Region (2027-2032)
- 2.3 United States PV and Electronic Grade Polysilicon Consumption (2021-2032)
- 2.4 China PV and Electronic Grade Polysilicon Consumption (2021-2032)
- 2.5 Europe PV and Electronic Grade Polysilicon Consumption (2021-2032)
- 2.6 Japan PV and Electronic Grade Polysilicon Consumption (2021-2032)
- 2.7 South Korea PV and Electronic Grade Polysilicon Consumption (2021-2032)

2.8 ASEAN PV and Electronic Grade Polysilicon Consumption (2021-2032)

2.9 India PV and Electronic Grade Polysilicon Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World PV and Electronic Grade Polysilicon Production Value by Manufacturer (2021-2026)

3.2 World PV and Electronic Grade Polysilicon Production by Manufacturer (2021-2026)

3.3 World PV and Electronic Grade Polysilicon Average Price by Manufacturer (2021-2026)

3.4 PV and Electronic Grade Polysilicon Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global PV and Electronic Grade Polysilicon Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for PV and Electronic Grade Polysilicon in 2025

3.5.3 Global Concentration Ratios (CR8) for PV and Electronic Grade Polysilicon in 2025

3.6 PV and Electronic Grade Polysilicon Market: Overall Company Footprint Analysis

3.6.1 PV and Electronic Grade Polysilicon Market: Region Footprint

3.6.2 PV and Electronic Grade Polysilicon Market: Company Product Type Footprint

3.6.3 PV and Electronic Grade Polysilicon 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: PV and Electronic Grade Polysilicon Production Value Comparison

4.1.1 United States VS China: PV and Electronic Grade Polysilicon Production Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: PV and Electronic Grade Polysilicon Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: PV and Electronic Grade Polysilicon Production

Comparison

4.2.1 United States VS China: PV and Electronic Grade Polysilicon Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: PV and Electronic Grade Polysilicon Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: PV and Electronic Grade Polysilicon Consumption Comparison

4.3.1 United States VS China: PV and Electronic Grade Polysilicon Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: PV and Electronic Grade Polysilicon Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based PV and Electronic Grade Polysilicon Manufacturers and Market Share, 2021-2026

4.4.1 United States Based PV and Electronic Grade Polysilicon Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers PV and Electronic Grade Polysilicon Production Value (2021-2026)

4.4.3 United States Based Manufacturers PV and Electronic Grade Polysilicon Production (2021-2026)

4.5 China Based PV and Electronic Grade Polysilicon Manufacturers and Market Share

4.5.1 China Based PV and Electronic Grade Polysilicon Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers PV and Electronic Grade Polysilicon Production Value (2021-2026)

4.5.3 China Based Manufacturers PV and Electronic Grade Polysilicon Production (2021-2026)

4.6 Rest of World Based PV and Electronic Grade Polysilicon Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based PV and Electronic Grade Polysilicon Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers PV and Electronic Grade Polysilicon Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers PV and Electronic Grade Polysilicon Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World PV and Electronic Grade Polysilicon Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Electronic Grade Polysilicon

5.2.2 PV Grade Polysilicon

5.3 Market Segment by Type

5.3.1 World PV and Electronic Grade Polysilicon Production by Type (2021-2032)

5.3.2 World PV and Electronic Grade Polysilicon Production Value by Type (2021-2032)

5.3.3 World PV and Electronic Grade Polysilicon Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY FORM

6.1 World PV and Electronic Grade Polysilicon Market Size Overview by Form: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Form

6.2.1 Chunks

6.2.2 Rods

6.2.3 Cut Rods

6.2.4 Granular Products

6.3 Market Segment by Form

6.3.1 World PV and Electronic Grade Polysilicon Production by Form (2021-2032)

6.3.2 World PV and Electronic Grade Polysilicon Production Value by Form (2021-2032)

6.3.3 World PV and Electronic Grade Polysilicon Average Price by Form (2021-2032)

7 MARKET ANALYSIS BY PURITY

7.1 World PV and Electronic Grade Polysilicon Market Size Overview by Purity: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Purity

7.2.1 8N

7.2.2 9N

7.2.3 11N

7.2.4 12N

7.3 Market Segment by Purity

7.3.1 World PV and Electronic Grade Polysilicon Production by Purity (2021-2032)

7.3.2 World PV and Electronic Grade Polysilicon Production Value by Purity (2021-2032)

7.3.3 World PV and Electronic Grade Polysilicon Average Price by Purity (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World PV and Electronic Grade Polysilicon Market Size Overview by Application:
2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 TOPCon Cells and Modules

8.2.2 HJT Cells and Modules

8.2.3 BC / IBC Cells and Modules

8.2.4 PERC Cells and Modules

8.2.5 Semiconductor Wafers

8.2.6 Single Crystal Silicon Growth

8.2.7 Zone Melting Single Crystal

8.2.8 Silicon Components

8.2.9 Others

8.3 Market Segment by Application

8.3.1 World PV and Electronic Grade Polysilicon Production by Application
(2021-2032)

8.3.2 World PV and Electronic Grade Polysilicon Production Value by Application
(2021-2032)

8.3.3 World PV and Electronic Grade Polysilicon Average Price by Application
(2021-2032)

9 COMPANY PROFILES

9.1 Yongxiang

9.1.1 Yongxiang Details

9.1.2 Yongxiang Major Business

9.1.3 Yongxiang PV and Electronic Grade Polysilicon Product and Services

9.1.4 Yongxiang PV and Electronic Grade Polysilicon Production, Price, Value, Gross
Margin and Market Share (2021-2026)

9.1.5 Yongxiang Recent Developments/Updates

9.1.6 Yongxiang Competitive Strengths & Weaknesses

9.2 GCL Technology

9.2.1 GCL Technology Details

9.2.2 GCL Technology Major Business

9.2.3 GCL Technology PV and Electronic Grade Polysilicon Product and Services

9.2.4 GCL Technology PV and Electronic Grade Polysilicon Production, Price, Value,
Gross Margin and Market Share (2021-2026)

9.2.5 GCL Technology Recent Developments/Updates

9.2.6 GCL Technology Competitive Strengths & Weaknesses

9.3 Xinte Energy

9.3.1 Xinte Energy Details

9.3.2 Xinte Energy Major Business

9.3.3 Xinte Energy PV and Electronic Grade Polysilicon Product and Services

9.3.4 Xinte Energy PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Xinte Energy Recent Developments/Updates

9.3.6 Xinte Energy Competitive Strengths & Weaknesses

9.4 Daqo

9.4.1 Daqo Details

9.4.2 Daqo Major Business

9.4.3 Daqo PV and Electronic Grade Polysilicon Product and Services

9.4.4 Daqo PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 Daqo Recent Developments/Updates

9.4.6 Daqo Competitive Strengths & Weaknesses

9.5 Asia Silicon

9.5.1 Asia Silicon Details

9.5.2 Asia Silicon Major Business

9.5.3 Asia Silicon PV and Electronic Grade Polysilicon Product and Services

9.5.4 Asia Silicon PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 Asia Silicon Recent Developments/Updates

9.5.6 Asia Silicon Competitive Strengths & Weaknesses

9.6 Hongyuan

9.6.1 Hongyuan Details

9.6.2 Hongyuan Major Business

9.6.3 Hongyuan PV and Electronic Grade Polysilicon Product and Services

9.6.4 Hongyuan PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Hongyuan Recent Developments/Updates

9.6.6 Hongyuan Competitive Strengths & Weaknesses

9.7 ERDOS

9.7.1 ERDOS Details

9.7.2 ERDOS Major Business

9.7.3 ERDOS PV and Electronic Grade Polysilicon Product and Services

9.7.4 ERDOS PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.7.5 ERDOS Recent Developments/Updates
- 9.7.6 ERDOS Competitive Strengths & Weaknesses
- 9.8 East Hope
 - 9.8.1 East Hope Details
 - 9.8.2 East Hope Major Business
 - 9.8.3 East Hope PV and Electronic Grade Polysilicon Product and Services
 - 9.8.4 East Hope PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 East Hope Recent Developments/Updates
 - 9.8.6 East Hope Competitive Strengths & Weaknesses
- 9.9 Qinghai Lihao
 - 9.9.1 Qinghai Lihao Details
 - 9.9.2 Qinghai Lihao Major Business
 - 9.9.3 Qinghai Lihao PV and Electronic Grade Polysilicon Product and Services
 - 9.9.4 Qinghai Lihao PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 Qinghai Lihao Recent Developments/Updates
 - 9.9.6 Qinghai Lihao Competitive Strengths & Weaknesses
- 9.10 Xinjiang Qiya
 - 9.10.1 Xinjiang Qiya Details
 - 9.10.2 Xinjiang Qiya Major Business
 - 9.10.3 Xinjiang Qiya PV and Electronic Grade Polysilicon Product and Services
 - 9.10.4 Xinjiang Qiya PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Xinjiang Qiya Recent Developments/Updates
 - 9.10.6 Xinjiang Qiya Competitive Strengths & Weaknesses
- 9.11 Jiangsu Runergy
 - 9.11.1 Jiangsu Runergy Details
 - 9.11.2 Jiangsu Runergy Major Business
 - 9.11.3 Jiangsu Runergy PV and Electronic Grade Polysilicon Product and Services
 - 9.11.4 Jiangsu Runergy PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Jiangsu Runergy Recent Developments/Updates
 - 9.11.6 Jiangsu Runergy Competitive Strengths & Weaknesses
- 9.12 Xinjiang Jingnuo
 - 9.12.1 Xinjiang Jingnuo Details
 - 9.12.2 Xinjiang Jingnuo Major Business
 - 9.12.3 Xinjiang Jingnuo PV and Electronic Grade Polysilicon Product and Services
 - 9.12.4 Xinjiang Jingnuo PV and Electronic Grade Polysilicon Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.12.5 Xinjiang Jingnuo Recent Developments/Updates

9.12.6 Xinjiang Jingnuo Competitive Strengths & Weaknesses

9.13 Xinjiang Goens

9.13.1 Xinjiang Goens Details

9.13.2 Xinjiang Goens Major Business

9.13.3 Xinjiang Goens PV and Electronic Grade Polysilicon Product and Services

9.13.4 Xinjiang Goens PV and Electronic Grade Polysilicon Production, Price, Value, Gross

Gross Margin and Market Share (2021-2026)

9.13.5 Xinjiang Goens Recent Developments/Updates

9.13.6 Xinjiang Goens Competitive Strengths & Weaknesses

9.14 Dongli

9.14.1 Dongli Details

9.14.2 Dongli Major Business

9.14.3 Dongli PV and Electronic Grade Polysilicon Product and Services

9.14.4 Dongli PV and Electronic Grade Polysilicon Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.14.5 Dongli Recent Developments/Updates

9.14.6 Dongli Competitive Strengths & Weaknesses

9.15 Risen Energy

9.15.1 Risen Energy Details

9.15.2 Risen Energy Major Business

9.15.3 Risen Energy PV and Electronic Grade Polysilicon Product and Services

9.15.4 Risen Energy PV and Electronic Grade Polysilicon Production, Price, Value, Gross

Gross Margin and Market Share (2021-2026)

9.15.5 Risen Energy Recent Developments/Updates

9.15.6 Risen Energy Competitive Strengths & Weaknesses

9.16 CSG

9.16.1 CSG Details

9.16.2 CSG Major Business

9.16.3 CSG PV and Electronic Grade Polysilicon Product and Services

9.16.4 CSG PV and Electronic Grade Polysilicon Production, Price, Value, Gross

Margin and Market Share (2021-2026)

9.16.5 CSG Recent Developments/Updates

9.16.6 CSG Competitive Strengths & Weaknesses

9.17 Baofeng Group

9.17.1 Baofeng Group Details

9.17.2 Baofeng Group Major Business

9.17.3 Baofeng Group PV and Electronic Grade Polysilicon Product and Services

- 9.17.4 Baofeng Group PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.17.5 Baofeng Group Recent Developments/Updates
- 9.17.6 Baofeng Group Competitive Strengths & Weaknesses
- 9.18 Tian Hong
 - 9.18.1 Tian Hong Details
 - 9.18.2 Tian Hong Major Business
 - 9.18.3 Tian Hong PV and Electronic Grade Polysilicon Product and Services
 - 9.18.4 Tian Hong PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.18.5 Tian Hong Recent Developments/Updates
 - 9.18.6 Tian Hong Competitive Strengths & Weaknesses
- 9.19 Hoshine
 - 9.19.1 Hoshine Details
 - 9.19.2 Hoshine Major Business
 - 9.19.3 Hoshine PV and Electronic Grade Polysilicon Product and Services
 - 9.19.4 Hoshine PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.19.5 Hoshine Recent Developments/Updates
 - 9.19.6 Hoshine Competitive Strengths & Weaknesses
- 9.20 Wacker
 - 9.20.1 Wacker Details
 - 9.20.2 Wacker Major Business
 - 9.20.3 Wacker PV and Electronic Grade Polysilicon Product and Services
 - 9.20.4 Wacker PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.20.5 Wacker Recent Developments/Updates
 - 9.20.6 Wacker Competitive Strengths & Weaknesses
- 9.21 OCI
 - 9.21.1 OCI Details
 - 9.21.2 OCI Major Business
 - 9.21.3 OCI PV and Electronic Grade Polysilicon Product and Services
 - 9.21.4 OCI PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.21.5 OCI Recent Developments/Updates
 - 9.21.6 OCI Competitive Strengths & Weaknesses
- 9.22 Hemlock Semiconductor
 - 9.22.1 Hemlock Semiconductor Details
 - 9.22.2 Hemlock Semiconductor Major Business

9.22.3 Hemlock Semiconductor PV and Electronic Grade Polysilicon Product and Services

9.22.4 Hemlock Semiconductor PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.22.5 Hemlock Semiconductor Recent Developments/Updates

9.22.6 Hemlock Semiconductor Competitive Strengths & Weaknesses

9.23 REC

9.23.1 REC Details

9.23.2 REC Major Business

9.23.3 REC PV and Electronic Grade Polysilicon Product and Services

9.23.4 REC PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.23.5 REC Recent Developments/Updates

9.23.6 REC Competitive Strengths & Weaknesses

9.24 United Solar Polysilicon

9.24.1 United Solar Polysilicon Details

9.24.2 United Solar Polysilicon Major Business

9.24.3 United Solar Polysilicon PV and Electronic Grade Polysilicon Product and Services

9.24.4 United Solar Polysilicon PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.24.5 United Solar Polysilicon Recent Developments/Updates

9.24.6 United Solar Polysilicon Competitive Strengths & Weaknesses

9.25 Hemlock

9.25.1 Hemlock Details

9.25.2 Hemlock Major Business

9.25.3 Hemlock PV and Electronic Grade Polysilicon Product and Services

9.25.4 Hemlock PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.25.5 Hemlock Recent Developments/Updates

9.25.6 Hemlock Competitive Strengths & Weaknesses

9.26 Tokuyama

9.26.1 Tokuyama Details

9.26.2 Tokuyama Major Business

9.26.3 Tokuyama PV and Electronic Grade Polysilicon Product and Services

9.26.4 Tokuyama PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.26.5 Tokuyama Recent Developments/Updates

9.26.6 Tokuyama Competitive Strengths & Weaknesses

9.27 High-Purity Silicon Corporation

9.27.1 High-Purity Silicon Corporation Details

9.27.2 High-Purity Silicon Corporation Major Business

9.27.3 High-Purity Silicon Corporation PV and Electronic Grade Polysilicon Product and Services

9.27.4 High-Purity Silicon Corporation PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.27.5 High-Purity Silicon Corporation Recent Developments/Updates

9.27.6 High-Purity Silicon Corporation Competitive Strengths & Weaknesses

9.28 Xinhua Semiconductor

9.28.1 Xinhua Semiconductor Details

9.28.2 Xinhua Semiconductor Major Business

9.28.3 Xinhua Semiconductor PV and Electronic Grade Polysilicon Product and Services

9.28.4 Xinhua Semiconductor PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.28.5 Xinhua Semiconductor Recent Developments/Updates

9.28.6 Xinhua Semiconductor Competitive Strengths & Weaknesses

9.29 Huanghe Hydropower

9.29.1 Huanghe Hydropower Details

9.29.2 Huanghe Hydropower Major Business

9.29.3 Huanghe Hydropower PV and Electronic Grade Polysilicon Product and Services

9.29.4 Huanghe Hydropower PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.29.5 Huanghe Hydropower Recent Developments/Updates

9.29.6 Huanghe Hydropower Competitive Strengths & Weaknesses

9.30 Tianhong REC

9.30.1 Tianhong REC Details

9.30.2 Tianhong REC Major Business

9.30.3 Tianhong REC PV and Electronic Grade Polysilicon Product and Services

9.30.4 Tianhong REC PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.30.5 Tianhong REC Recent Developments/Updates

9.30.6 Tianhong REC Competitive Strengths & Weaknesses

9.31 Luoyang China Silicon

9.31.1 Luoyang China Silicon Details

9.31.2 Luoyang China Silicon Major Business

9.31.3 Luoyang China Silicon PV and Electronic Grade Polysilicon Product and

Services

9.31.4 Luoyang China Silicon PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.31.5 Luoyang China Silicon Recent Developments/Updates

9.31.6 Luoyang China Silicon Competitive Strengths & Weaknesses

9.32 Silane Technology

9.32.1 Silane Technology Details

9.32.2 Silane Technology Major Business

9.32.3 Silane Technology PV and Electronic Grade Polysilicon Product and Services

9.32.4 Silane Technology PV and Electronic Grade Polysilicon Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.32.5 Silane Technology Recent Developments/Updates

9.32.6 Silane Technology Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 PV and Electronic Grade Polysilicon Industry Chain

10.2 PV and Electronic Grade Polysilicon Upstream Analysis

10.2.1 PV and Electronic Grade Polysilicon Core Raw Materials

10.2.2 Main Manufacturers of PV and Electronic Grade Polysilicon Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 PV and Electronic Grade Polysilicon Production Mode

10.6 PV and Electronic Grade Polysilicon Procurement Model

10.7 PV and Electronic Grade Polysilicon Industry Sales Model and Sales Channels

10.7.1 PV and Electronic Grade Polysilicon Sales Model

10.7.2 PV and Electronic Grade Polysilicon 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 PV and Electronic Grade Polysilicon Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World PV and Electronic Grade Polysilicon Production Value by Region (2021-2026) & (USD Million)
- Table 3. World PV and Electronic Grade Polysilicon Production Value by Region (2027-2032) & (USD Million)
- Table 4. World PV and Electronic Grade Polysilicon Production Value Market Share by Region (2021-2026)
- Table 5. World PV and Electronic Grade Polysilicon Production Value Market Share by Region (2027-2032)
- Table 6. World PV and Electronic Grade Polysilicon Production by Region (2021-2026) & (Kilotons)
- Table 7. World PV and Electronic Grade Polysilicon Production by Region (2027-2032) & (Kilotons)
- Table 8. World PV and Electronic Grade Polysilicon Production Market Share by Region (2021-2026)
- Table 9. World PV and Electronic Grade Polysilicon Production Market Share by Region (2027-2032)
- Table 10. World PV and Electronic Grade Polysilicon Average Price by Region (2021-2026) & (US\$/Ton)
- Table 11. World PV and Electronic Grade Polysilicon Average Price by Region (2027-2032) & (US\$/Ton)
- Table 12. PV and Electronic Grade Polysilicon Major Market Trends
- Table 13. World PV and Electronic Grade Polysilicon Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Kilotons)
- Table 14. World PV and Electronic Grade Polysilicon Consumption by Region (2021-2026) & (Kilotons)
- Table 15. World PV and Electronic Grade Polysilicon Consumption Forecast by Region (2027-2032) & (Kilotons)
- Table 16. World PV and Electronic Grade Polysilicon Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key PV and Electronic Grade Polysilicon Producers in 2025
- Table 18. World PV and Electronic Grade Polysilicon Production by Manufacturer (2021-2026) & (Kilotons)

Table 19. Production Market Share of Key PV and Electronic Grade Polysilicon Producers in 2025

Table 20. World PV and Electronic Grade Polysilicon Average Price by Manufacturer (2021-2026) & (US\$/Ton)

Table 21. Global PV and Electronic Grade Polysilicon Company Evaluation Quadrant

Table 22. World PV and Electronic Grade Polysilicon Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and PV and Electronic Grade Polysilicon Production Site of Key Manufacturer

Table 24. PV and Electronic Grade Polysilicon Market: Company Product Type Footprint

Table 25. PV and Electronic Grade Polysilicon Market: Company Product Application Footprint

Table 26. PV and Electronic Grade Polysilicon Competitive Factors

Table 27. PV and Electronic Grade Polysilicon New Entrant and Capacity Expansion Plans

Table 28. PV and Electronic Grade Polysilicon Mergers & Acquisitions Activity

Table 29. United States VS China PV and Electronic Grade Polysilicon Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China PV and Electronic Grade Polysilicon Production Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 31. United States VS China PV and Electronic Grade Polysilicon Consumption Comparison, (2021 & 2025 & 2032) & (Kilotons)

Table 32. United States Based PV and Electronic Grade Polysilicon Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers PV and Electronic Grade Polysilicon Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers PV and Electronic Grade Polysilicon Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers PV and Electronic Grade Polysilicon Production (2021-2026) & (Kilotons)

Table 36. United States Based Manufacturers PV and Electronic Grade Polysilicon Production Market Share (2021-2026)

Table 37. China Based PV and Electronic Grade Polysilicon Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers PV and Electronic Grade Polysilicon Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers PV and Electronic Grade Polysilicon Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers PV and Electronic Grade Polysilicon Production, (2021-2026) & (Kilotons)

Table 41. China Based Manufacturers PV and Electronic Grade Polysilicon Production Market Share (2021-2026)

Table 42. Rest of World Based PV and Electronic Grade Polysilicon Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers PV and Electronic Grade Polysilicon Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers PV and Electronic Grade Polysilicon Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers PV and Electronic Grade Polysilicon Production, (2021-2026) & (Kilotons)

Table 46. Rest of World Based Manufacturers PV and Electronic Grade Polysilicon Production Market Share (2021-2026)

Table 47. World PV and Electronic Grade Polysilicon Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World PV and Electronic Grade Polysilicon Production by Type (2021-2026) & (Kilotons)

Table 49. World PV and Electronic Grade Polysilicon Production by Type (2027-2032) & (Kilotons)

Table 50. World PV and Electronic Grade Polysilicon Production Value by Type (2021-2026) & (USD Million)

Table 51. World PV and Electronic Grade Polysilicon Production Value by Type (2027-2032) & (USD Million)

Table 52. World PV and Electronic Grade Polysilicon Average Price by Type (2021-2026) & (US\$/Ton)

Table 53. World PV and Electronic Grade Polysilicon Average Price by Type (2027-2032) & (US\$/Ton)

Table 54. World PV and Electronic Grade Polysilicon Production Value by Form, (USD Million), 2021 & 2025 & 2032

Table 55. World PV and Electronic Grade Polysilicon Production by Form (2021-2026) & (Kilotons)

Table 56. World PV and Electronic Grade Polysilicon Production by Form (2027-2032) & (Kilotons)

Table 57. World PV and Electronic Grade Polysilicon Production Value by Form (2021-2026) & (USD Million)

Table 58. World PV and Electronic Grade Polysilicon Production Value by Form (2027-2032) & (USD Million)

Table 59. World PV and Electronic Grade Polysilicon Average Price by Form

(2021-2026) & (US\$/Ton)

Table 60. World PV and Electronic Grade Polysilicon Average Price by Form

(2027-2032) & (US\$/Ton)

Table 61. World PV and Electronic Grade Polysilicon Production Value by Purity, (USD Million), 2021 & 2025 & 2032

Table 62. World PV and Electronic Grade Polysilicon Production by Purity (2021-2026) & (Kilotons)

Table 63. World PV and Electronic Grade Polysilicon Production by Purity (2027-2032) & (Kilotons)

Table 64. World PV and Electronic Grade Polysilicon Production Value by Purity (2021-2026) & (USD Million)

Table 65. World PV and Electronic Grade Polysilicon Production Value by Purity (2027-2032) & (USD Million)

Table 66. World PV and Electronic Grade Polysilicon Average Price by Purity (2021-2026) & (US\$/Ton)

Table 67. World PV and Electronic Grade Polysilicon Average Price by Purity (2027-2032) & (US\$/Ton)

Table 68. World PV and Electronic Grade Polysilicon Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World PV and Electronic Grade Polysilicon Production by Application (2021-2026) & (Kilotons)

Table 70. World PV and Electronic Grade Polysilicon Production by Application (2027-2032) & (Kilotons)

Table 71. World PV and Electronic Grade Polysilicon Production Value by Application (2021-2026) & (USD Million)

Table 72. World PV and Electronic Grade Polysilicon Production Value by Application (2027-2032) & (USD Million)

Table 73. World PV and Electronic Grade Polysilicon Average Price by Application (2021-2026) & (US\$/Ton)

Table 74. World PV and Electronic Grade Polysilicon Average Price by Application (2027-2032) & (US\$/Ton)

Table 75. Yongxiang Basic Information, Manufacturing Base and Competitors

Table 76. Yongxiang Major Business

Table 77. Yongxiang PV and Electronic Grade Polysilicon Product and Services

Table 78. Yongxiang PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Yongxiang Recent Developments/Updates

Table 80. Yongxiang Competitive Strengths & Weaknesses

Table 81. GCL Technology Basic Information, Manufacturing Base and Competitors

Table 82. GCL Technology Major Business

Table 83. GCL Technology PV and Electronic Grade Polysilicon Product and Services

Table 84. GCL Technology PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. GCL Technology Recent Developments/Updates

Table 86. GCL Technology Competitive Strengths & Weaknesses

Table 87. Xinte Energy Basic Information, Manufacturing Base and Competitors

Table 88. Xinte Energy Major Business

Table 89. Xinte Energy PV and Electronic Grade Polysilicon Product and Services

Table 90. Xinte Energy PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Xinte Energy Recent Developments/Updates

Table 92. Xinte Energy Competitive Strengths & Weaknesses

Table 93. Daqo Basic Information, Manufacturing Base and Competitors

Table 94. Daqo Major Business

Table 95. Daqo PV and Electronic Grade Polysilicon Product and Services

Table 96. Daqo PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Daqo Recent Developments/Updates

Table 98. Daqo Competitive Strengths & Weaknesses

Table 99. Asia Silicon Basic Information, Manufacturing Base and Competitors

Table 100. Asia Silicon Major Business

Table 101. Asia Silicon PV and Electronic Grade Polysilicon Product and Services

Table 102. Asia Silicon PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Asia Silicon Recent Developments/Updates

Table 104. Asia Silicon Competitive Strengths & Weaknesses

Table 105. Hongyuan Basic Information, Manufacturing Base and Competitors

Table 106. Hongyuan Major Business

Table 107. Hongyuan PV and Electronic Grade Polysilicon Product and Services

Table 108. Hongyuan PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Hongyuan Recent Developments/Updates

Table 110. Hongyuan Competitive Strengths & Weaknesses

Table 111. ERDOS Basic Information, Manufacturing Base and Competitors

Table 112. ERDOS Major Business

Table 113. ERDOS PV and Electronic Grade Polysilicon Product and Services

Table 114. ERDOS PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. ERDOS Recent Developments/Updates

Table 116. ERDOS Competitive Strengths & Weaknesses

Table 117. East Hope Basic Information, Manufacturing Base and Competitors

Table 118. East Hope Major Business

Table 119. East Hope PV and Electronic Grade Polysilicon Product and Services

Table 120. East Hope PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. East Hope Recent Developments/Updates

Table 122. East Hope Competitive Strengths & Weaknesses

Table 123. Qinghai Lihao Basic Information, Manufacturing Base and Competitors

Table 124. Qinghai Lihao Major Business

Table 125. Qinghai Lihao PV and Electronic Grade Polysilicon Product and Services

Table 126. Qinghai Lihao PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Qinghai Lihao Recent Developments/Updates

Table 128. Qinghai Lihao Competitive Strengths & Weaknesses

Table 129. Xinjiang Qiya Basic Information, Manufacturing Base and Competitors

Table 130. Xinjiang Qiya Major Business

Table 131. Xinjiang Qiya PV and Electronic Grade Polysilicon Product and Services

Table 132. Xinjiang Qiya PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Xinjiang Qiya Recent Developments/Updates

Table 134. Xinjiang Qiya Competitive Strengths & Weaknesses

Table 135. Jiangsu Runergy Basic Information, Manufacturing Base and Competitors

Table 136. Jiangsu Runergy Major Business

Table 137. Jiangsu Runergy PV and Electronic Grade Polysilicon Product and Services

Table 138. Jiangsu Runergy PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Jiangsu Runergy Recent Developments/Updates
Table 140. Jiangsu Runergy Competitive Strengths & Weaknesses
Table 141. Xinjiang Jingnuo Basic Information, Manufacturing Base and Competitors
Table 142. Xinjiang Jingnuo Major Business
Table 143. Xinjiang Jingnuo PV and Electronic Grade Polysilicon Product and Services
Table 144. Xinjiang Jingnuo PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Xinjiang Jingnuo Recent Developments/Updates
Table 146. Xinjiang Jingnuo Competitive Strengths & Weaknesses
Table 147. Xinjiang Goens Basic Information, Manufacturing Base and Competitors
Table 148. Xinjiang Goens Major Business
Table 149. Xinjiang Goens PV and Electronic Grade Polysilicon Product and Services
Table 150. Xinjiang Goens PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Xinjiang Goens Recent Developments/Updates
Table 152. Xinjiang Goens Competitive Strengths & Weaknesses
Table 153. Dongli Basic Information, Manufacturing Base and Competitors
Table 154. Dongli Major Business
Table 155. Dongli PV and Electronic Grade Polysilicon Product and Services
Table 156. Dongli PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Dongli Recent Developments/Updates
Table 158. Dongli Competitive Strengths & Weaknesses
Table 159. Risen Energy Basic Information, Manufacturing Base and Competitors
Table 160. Risen Energy Major Business
Table 161. Risen Energy PV and Electronic Grade Polysilicon Product and Services
Table 162. Risen Energy PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. Risen Energy Recent Developments/Updates
Table 164. Risen Energy Competitive Strengths & Weaknesses
Table 165. CSG Basic Information, Manufacturing Base and Competitors
Table 166. CSG Major Business
Table 167. CSG PV and Electronic Grade Polysilicon Product and Services
Table 168. CSG PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 169. CSG Recent Developments/Updates

Table 170. CSG Competitive Strengths & Weaknesses

Table 171. Baofeng Group Basic Information, Manufacturing Base and Competitors

Table 172. Baofeng Group Major Business

Table 173. Baofeng Group PV and Electronic Grade Polysilicon Product and Services

Table 174. Baofeng Group PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 175. Baofeng Group Recent Developments/Updates

Table 176. Baofeng Group Competitive Strengths & Weaknesses

Table 177. Tian Hong Basic Information, Manufacturing Base and Competitors

Table 178. Tian Hong Major Business

Table 179. Tian Hong PV and Electronic Grade Polysilicon Product and Services

Table 180. Tian Hong PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 181. Tian Hong Recent Developments/Updates

Table 182. Tian Hong Competitive Strengths & Weaknesses

Table 183. Hoshine Basic Information, Manufacturing Base and Competitors

Table 184. Hoshine Major Business

Table 185. Hoshine PV and Electronic Grade Polysilicon Product and Services

Table 186. Hoshine PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 187. Hoshine Recent Developments/Updates

Table 188. Hoshine Competitive Strengths & Weaknesses

Table 189. Wacker Basic Information, Manufacturing Base and Competitors

Table 190. Wacker Major Business

Table 191. Wacker PV and Electronic Grade Polysilicon Product and Services

Table 192. Wacker PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share

(2021-2026)

Table 193. Wacker Recent Developments/Updates

Table 194. Wacker Competitive Strengths & Weaknesses

Table 195. OCI Basic Information, Manufacturing Base and Competitors

Table 196. OCI Major Business

Table 197. OCI PV and Electronic Grade Polysilicon Product and Services

Table 198. OCI PV and Electronic Grade Polysilicon Production (Kilotons), Price

(US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 199. OCI Recent Developments/Updates

Table 200. OCI Competitive Strengths & Weaknesses

Table 201. Hemlock Semiconductor Basic Information, Manufacturing Base and Competitors

Table 202. Hemlock Semiconductor Major Business

Table 203. Hemlock Semiconductor PV and Electronic Grade Polysilicon Product and Services

Table 204. Hemlock Semiconductor PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 205. Hemlock Semiconductor Recent Developments/Updates

Table 206. Hemlock Semiconductor Competitive Strengths & Weaknesses

Table 207. REC Basic Information, Manufacturing Base and Competitors

Table 208. REC Major Business

Table 209. REC PV and Electronic Grade Polysilicon Product and Services

Table 210. REC PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 211. REC Recent Developments/Updates

Table 212. REC Competitive Strengths & Weaknesses

Table 213. United Solar Polysilicon Basic Information, Manufacturing Base and Competitors

Table 214. United Solar Polysilicon Major Business

Table 215. United Solar Polysilicon PV and Electronic Grade Polysilicon Product and Services

Table 216. United Solar Polysilicon PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 217. United Solar Polysilicon Recent Developments/Updates

Table 218. United Solar Polysilicon Competitive Strengths & Weaknesses

Table 219. Hemlock Basic Information, Manufacturing Base and Competitors

Table 220. Hemlock Major Business

Table 221. Hemlock PV and Electronic Grade Polysilicon Product and Services

Table 222. Hemlock PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 223. Hemlock Recent Developments/Updates

Table 224. Hemlock Competitive Strengths & Weaknesses

Table 225. Tokuyama Basic Information, Manufacturing Base and Competitors

Table 226. Tokuyama Major Business

Table 227. Tokuyama PV and Electronic Grade Polysilicon Product and Services

Table 228. Tokuyama PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 229. Tokuyama Recent Developments/Updates

Table 230. Tokuyama Competitive Strengths & Weaknesses

Table 231. High-Purity Silicon Corporation Basic Information, Manufacturing Base and Competitors

Table 232. High-Purity Silicon Corporation Major Business

Table 233. High-Purity Silicon Corporation PV and Electronic Grade Polysilicon Product and Services

Table 234. High-Purity Silicon Corporation PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 235. High-Purity Silicon Corporation Recent Developments/Updates

Table 236. High-Purity Silicon Corporation Competitive Strengths & Weaknesses

Table 237. Xinhua Semiconductor Basic Information, Manufacturing Base and Competitors

Table 238. Xinhua Semiconductor Major Business

Table 239. Xinhua Semiconductor PV and Electronic Grade Polysilicon Product and Services

Table 240. Xinhua Semiconductor PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 241. Xinhua Semiconductor Recent Developments/Updates

Table 242. Xinhua Semiconductor Competitive Strengths & Weaknesses

Table 243. Huanghe Hydropower Basic Information, Manufacturing Base and Competitors

Table 244. Huanghe Hydropower Major Business

Table 245. Huanghe Hydropower PV and Electronic Grade Polysilicon Product and Services

Table 246. Huanghe Hydropower PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 247. Huanghe Hydropower Recent Developments/Updates

Table 248. Huanghe Hydropower Competitive Strengths & Weaknesses

Table 249. Tianhong REC Basic Information, Manufacturing Base and Competitors

Table 250. Tianhong REC Major Business

Table 251. Tianhong REC PV and Electronic Grade Polysilicon Product and Services

Table 252. Tianhong REC PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 253. Tianhong REC Recent Developments/Updates

Table 254. Tianhong REC Competitive Strengths & Weaknesses

Table 255. Luoyang China Silicon Basic Information, Manufacturing Base and Competitors

Table 256. Luoyang China Silicon Major Business

Table 257. Luoyang China Silicon PV and Electronic Grade Polysilicon Product and Services

Table 258. Luoyang China Silicon PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 259. Luoyang China Silicon Recent Developments/Updates

Table 260. Luoyang China Silicon Competitive Strengths & Weaknesses

Table 261. Silane Technology Basic Information, Manufacturing Base and Competitors

Table 262. Silane Technology Major Business

Table 263. Silane Technology PV and Electronic Grade Polysilicon Product and Services

Table 264. Silane Technology PV and Electronic Grade Polysilicon Production (Kilotons), Price (US\$/Ton), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 265. Silane Technology Recent Developments/Updates

Table 266. Silane Technology Competitive Strengths & Weaknesses

Table 267. Global Key Players of PV and Electronic Grade Polysilicon Upstream (Raw Materials)

Table 268. Global PV and Electronic Grade Polysilicon Typical Customers

Table 269. PV and Electronic Grade Polysilicon Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. PV and Electronic Grade Polysilicon Picture
- Figure 2. World PV and Electronic Grade Polysilicon Production Value: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World PV and Electronic Grade Polysilicon Production Value and Forecast (2021-2032) & (USD Million)
- Figure 4. World PV and Electronic Grade Polysilicon Production (2021-2032) & (Kilotons)
- Figure 5. World PV and Electronic Grade Polysilicon Average Price (2021-2032) & (US\$/Ton)
- Figure 6. World PV and Electronic Grade Polysilicon Production Value Market Share by Region (2021-2032)
- Figure 7. World PV and Electronic Grade Polysilicon Production Market Share by Region (2021-2032)
- Figure 8. North America PV and Electronic Grade Polysilicon Production (2021-2032) & (Kilotons)
- Figure 9. Europe PV and Electronic Grade Polysilicon Production (2021-2032) & (Kilotons)
- Figure 10. China PV and Electronic Grade Polysilicon Production (2021-2032) & (Kilotons)
- Figure 11. Japan PV and Electronic Grade Polysilicon Production (2021-2032) & (Kilotons)
- Figure 12. South Korea PV and Electronic Grade Polysilicon Production (2021-2032) & (Kilotons)
- Figure 13. PV and Electronic Grade Polysilicon Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)
- Figure 16. World PV and Electronic Grade Polysilicon Consumption Market Share by Region (2021-2032)
- Figure 17. United States PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)
- Figure 18. China PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)
- Figure 19. Europe PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)

Figure 20. Japan PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)

Figure 21. South Korea PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)

Figure 22. ASEAN PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)

Figure 23. India PV and Electronic Grade Polysilicon Consumption (2021-2032) & (Kilotons)

Figure 24. Producer Shipments of PV and Electronic Grade Polysilicon by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for PV and Electronic Grade Polysilicon Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for PV and Electronic Grade Polysilicon Markets in 2025

Figure 27. United States VS China: PV and Electronic Grade Polysilicon Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: PV and Electronic Grade Polysilicon Production Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: PV and Electronic Grade Polysilicon Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States Based Manufacturers PV and Electronic Grade Polysilicon Production Market Share 2025

Figure 31. China Based Manufacturers PV and Electronic Grade Polysilicon Production Market Share 2025

Figure 32. Rest of World Based Manufacturers PV and Electronic Grade Polysilicon Production Market Share 2025

Figure 33. World PV and Electronic Grade Polysilicon Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 34. World PV and Electronic Grade Polysilicon Production Value Market Share by Type in 2025

Figure 35. Electronic Grade Polysilicon

Figure 36. PV Grade Polysilicon

Figure 37. World PV and Electronic Grade Polysilicon Production Market Share by Type (2021-2032)

Figure 38. World PV and Electronic Grade Polysilicon Production Value Market Share by Type (2021-2032)

Figure 39. World PV and Electronic Grade Polysilicon Average Price by Type (2021-2032) & (US\$/Ton)

Figure 40. World PV and Electronic Grade Polysilicon Production Value by Form, (USD

Million), 2021 & 2025 & 2032

Figure 41. World PV and Electronic Grade Polysilicon Production Value Market Share by Form in 2025

Figure 42. Chunks

Figure 43. Rods

Figure 44. Cut Rods

Figure 45. Granular Products

Figure 46. World PV and Electronic Grade Polysilicon Production Market Share by Form (2021-2032)

Figure 47. World PV and Electronic Grade Polysilicon Production Value Market Share by Form (2021-2032)

Figure 48. World PV and Electronic Grade Polysilicon Average Price by Form (2021-2032) & (US\$/Ton)

Figure 49. World PV and Electronic Grade Polysilicon Production Value by Purity, (USD Million), 2021 & 2025 & 2032

Figure 50. World PV and Electronic Grade Polysilicon Production Value Market Share by Purity in 2025

Figure 51. 8N

Figure 52. 9N

Figure 53. 11N

Figure 54. 12N

Figure 55. World PV and Electronic Grade Polysilicon Production Market Share by Purity (2021-2032)

Figure 56. World PV and Electronic Grade Polysilicon Production Value Market Share by Purity (2021-2032)

Figure 57. World PV and Electronic Grade Polysilicon Average Price by Purity (2021-2032) & (US\$/Ton)

Figure 58. World PV and Electronic Grade Polysilicon Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 59. World PV and Electronic Grade Polysilicon Production Value Market Share by Application in 2025

Figure 60. TOPCon Cells and Modules

Figure 61. HJT Cells and Modules

Figure 62. BC / IBC Cells and Modules

Figure 63. PERC Cells and Modules

Figure 64. Semiconductor Wafers

Figure 65. Single Crystal Silicon Growth

Figure 66. Zone Melting Single Crystal

Figure 67. Silicon Components

Figure 68. Silicon Components

Figure 69. World PV and Electronic Grade Polysilicon Production Market Share by Application (2021-2032)

Figure 70. World PV and Electronic Grade Polysilicon Production Value Market Share by Application (2021-2032)

Figure 71. World PV and Electronic Grade Polysilicon Average Price by Application (2021-2032) & (US\$/Ton)

Figure 72. PV and Electronic Grade Polysilicon Industry Chain

Figure 73. PV and Electronic Grade Polysilicon Procurement Model

Figure 74. PV and Electronic Grade Polysilicon Sales Model

Figure 75. PV and Electronic Grade Polysilicon Sales Channels, Direct Sales, and Distribution

Figure 76. Methodology

Figure 77. Research Process and Data Source

I would like to order

Product name: Global PV and Electronic Grade Polysilicon Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G05F98222839EN.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/G05F98222839EN.html>