

Global N-type Monocrystalline Double-sided TOPCon Battery Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GF79864405D3EN.html>

Date: June 2023

Pages: 114

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

ID: GF79864405D3EN

Abstracts

The global N-type Monocrystalline Double-sided TOPCon Battery market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global N-type Monocrystalline Double-sided TOPCon Battery production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for N-type Monocrystalline Double-sided TOPCon Battery, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of N-type Monocrystalline Double-sided TOPCon Battery that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global N-type Monocrystalline Double-sided TOPCon Battery total production and demand, 2018-2029, (K Units)

Global N-type Monocrystalline Double-sided TOPCon Battery total production value, 2018-2029, (USD Million)

Global N-type Monocrystalline Double-sided TOPCon Battery production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global N-type Monocrystalline Double-sided TOPCon Battery consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: N-type Monocrystalline Double-sided TOPCon Battery domestic production, consumption, key domestic manufacturers and share

Global N-type Monocrystalline Double-sided TOPCon Battery production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global N-type Monocrystalline Double-sided TOPCon Battery production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global N-type Monocrystalline Double-sided TOPCon Battery production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global N-type Monocrystalline Double-sided TOPCon Battery 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 LG, REC Solar Pte.Ltd, CSI Solar, Jolywood (Suzhou) Sunwatt Co., Ltd, Jinko Solar Co.,Ltd, Lingda Group Co.,Ltd, LONGi Green Energy Technology Co., Ltd, DAS SOLAR CO., LTD and Tongwei Co., Ltd, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World N-type Monocrystalline Double-sided TOPCon Battery market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global N-type Monocrystalline Double-sided TOPCon Battery Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global N-type Monocrystalline Double-sided TOPCon Battery Market, Segmentation by Type

Ion Dual Cycle Battery

Long Cycle Battery

Global N-type Monocrystalline Double-sided TOPCon Battery Market, Segmentation by Application

Photovoltaic Power Station

New Energy Vehicles

Others

Companies Profiled:

LG

REC Solar Pte.Ltd

CSI Solar

Jolywood (Suzhou) Sunwatt Co., Ltd

Jinko Solar Co.,Ltd

Lingda Group Co.,Ltd

LONGi Green Energy Technology Co., Ltd

DAS SOLAR CO., LTD

Tongwei Co., Ltd

Talesun Solar Technologies Co., Ltd

Zhejiang Fortune Energy Co.,Ltd

JA Solar Technology Co., Ltd

Trina Solar Co., Ltd

Key Questions Answered

1. How big is the global N-type Monocrystalline Double-sided TOPCon Battery market?
2. What is the demand of the global N-type Monocrystalline Double-sided TOPCon Battery market?
3. What is the year over year growth of the global N-type Monocrystalline Double-sided TOPCon Battery market?
4. What is the production and production value of the global N-type Monocrystalline Double-sided TOPCon Battery market?

5. Who are the key producers in the global N-type Monocrystalline Double-sided TOPCon Battery market?

6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 N-type Monocrystalline Double-sided TOPCon Battery Introduction
- 1.2 World N-type Monocrystalline Double-sided TOPCon Battery Supply & Forecast
 - 1.2.1 World N-type Monocrystalline Double-sided TOPCon Battery Production Value (2018 & 2022 & 2029)
 - 1.2.2 World N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029)
 - 1.2.3 World N-type Monocrystalline Double-sided TOPCon Battery Pricing Trends (2018-2029)
- 1.3 World N-type Monocrystalline Double-sided TOPCon Battery Production by Region (Based on Production Site)
 - 1.3.1 World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Region (2018-2029)
 - 1.3.2 World N-type Monocrystalline Double-sided TOPCon Battery Production by Region (2018-2029)
 - 1.3.3 World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Region (2018-2029)
 - 1.3.4 North America N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029)
 - 1.3.5 Europe N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029)
 - 1.3.6 China N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029)
 - 1.3.7 Japan N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 N-type Monocrystalline Double-sided TOPCon Battery Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 N-type Monocrystalline Double-sided TOPCon Battery Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World N-type Monocrystalline Double-sided TOPCon Battery Demand (2018-2029)

2.2 World N-type Monocrystalline Double-sided TOPCon Battery Consumption by Region

2.2.1 World N-type Monocrystalline Double-sided TOPCon Battery Consumption by Region (2018-2023)

2.2.2 World N-type Monocrystalline Double-sided TOPCon Battery Consumption Forecast by Region (2024-2029)

2.3 United States N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029)

2.4 China N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029)

2.5 Europe N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029)

2.6 Japan N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029)

2.7 South Korea N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029)

2.8 ASEAN N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029)

2.9 India N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029)

3 WORLD N-TYPE MONOCRYSTALLINE DOUBLE-SIDED TOPCON BATTERY MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Manufacturer (2018-2023)

3.2 World N-type Monocrystalline Double-sided TOPCon Battery Production by Manufacturer (2018-2023)

3.3 World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Manufacturer (2018-2023)

3.4 N-type Monocrystalline Double-sided TOPCon Battery Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global N-type Monocrystalline Double-sided TOPCon Battery Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for N-type Monocrystalline Double-sided TOPCon Battery in 2022

3.5.3 Global Concentration Ratios (CR8) for N-type Monocrystalline Double-sided TOPCon Battery in 2022

3.6 N-type Monocrystalline Double-sided TOPCon Battery Market: Overall Company Footprint Analysis

3.6.1 N-type Monocrystalline Double-sided TOPCon Battery Market: Region Footprint

3.6.2 N-type Monocrystalline Double-sided TOPCon Battery Market: Company Product Type Footprint

3.6.3 N-type Monocrystalline Double-sided TOPCon Battery 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: N-type Monocrystalline Double-sided TOPCon Battery Production Value Comparison

4.1.1 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Production Comparison

4.2.1 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Consumption Comparison

4.3.1 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers and Market Share, 2018-2023

4.4.1 United States Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers N-type Monocrystalline Double-sided

TOPCon Battery Production Value (2018-2023)

4.4.3 United States Based Manufacturers N-type Monocrystalline Double-sided

TOPCon Battery Production (2018-2023)

4.5 China Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers and Market Share

4.5.1 China Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value (2018-2023)

4.5.3 China Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2023)

4.6 Rest of World Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World N-type Monocrystalline Double-sided TOPCon Battery Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Ion Dual Cycle Battery

5.2.2 Long Cycle Battery

5.3 Market Segment by Type

5.3.1 World N-type Monocrystalline Double-sided TOPCon Battery Production by Type (2018-2029)

5.3.2 World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Type (2018-2029)

5.3.3 World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World N-type Monocrystalline Double-sided TOPCon Battery Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

- 6.2.1 Photovoltaic Power Station
- 6.2.2 New Energy Vehicles
- 6.2.3 Others

6.3 Market Segment by Application

- 6.3.1 World N-type Monocrystalline Double-sided TOPCon Battery Production by Application (2018-2029)
- 6.3.2 World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Application (2018-2029)
- 6.3.3 World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 LG

- 7.1.1 LG Details
- 7.1.2 LG Major Business
- 7.1.3 LG N-type Monocrystalline Double-sided TOPCon Battery Product and Services
- 7.1.4 LG N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.1.5 LG Recent Developments/Updates
- 7.1.6 LG Competitive Strengths & Weaknesses

7.2 REC Solar Pte.Ltd

- 7.2.1 REC Solar Pte.Ltd Details
- 7.2.2 REC Solar Pte.Ltd Major Business
- 7.2.3 REC Solar Pte.Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
- 7.2.4 REC Solar Pte.Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.2.5 REC Solar Pte.Ltd Recent Developments/Updates
- 7.2.6 REC Solar Pte.Ltd Competitive Strengths & Weaknesses

7.3 CSI Solar

- 7.3.1 CSI Solar Details
- 7.3.2 CSI Solar Major Business
- 7.3.3 CSI Solar N-type Monocrystalline Double-sided TOPCon Battery Product and Services
- 7.3.4 CSI Solar N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.3.5 CSI Solar Recent Developments/Updates

- 7.3.6 CSI Solar Competitive Strengths & Weaknesses
- 7.4 Jolywood (Suzhou) Sunwatt Co., Ltd
 - 7.4.1 Jolywood (Suzhou) Sunwatt Co., Ltd Details
 - 7.4.2 Jolywood (Suzhou) Sunwatt Co., Ltd Major Business
 - 7.4.3 Jolywood (Suzhou) Sunwatt Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
 - 7.4.4 Jolywood (Suzhou) Sunwatt Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.4.5 Jolywood (Suzhou) Sunwatt Co., Ltd Recent Developments/Updates
 - 7.4.6 Jolywood (Suzhou) Sunwatt Co., Ltd Competitive Strengths & Weaknesses
- 7.5 Jinko Solar Co.,Ltd
 - 7.5.1 Jinko Solar Co.,Ltd Details
 - 7.5.2 Jinko Solar Co.,Ltd Major Business
 - 7.5.3 Jinko Solar Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
 - 7.5.4 Jinko Solar Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Jinko Solar Co.,Ltd Recent Developments/Updates
 - 7.5.6 Jinko Solar Co.,Ltd Competitive Strengths & Weaknesses
- 7.6 Lingda Group Co.,Ltd
 - 7.6.1 Lingda Group Co.,Ltd Details
 - 7.6.2 Lingda Group Co.,Ltd Major Business
 - 7.6.3 Lingda Group Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
 - 7.6.4 Lingda Group Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Lingda Group Co.,Ltd Recent Developments/Updates
 - 7.6.6 Lingda Group Co.,Ltd Competitive Strengths & Weaknesses
- 7.7 LONGi Green Energy Technology Co., Ltd
 - 7.7.1 LONGi Green Energy Technology Co., Ltd Details
 - 7.7.2 LONGi Green Energy Technology Co., Ltd Major Business
 - 7.7.3 LONGi Green Energy Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
 - 7.7.4 LONGi Green Energy Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 LONGi Green Energy Technology Co., Ltd Recent Developments/Updates
 - 7.7.6 LONGi Green Energy Technology Co., Ltd Competitive Strengths & Weaknesses
- 7.8 DAS SOLAR CO., LTD
 - 7.8.1 DAS SOLAR CO., LTD Details

- 7.8.2 DAS SOLAR CO., LTD Major Business
- 7.8.3 DAS SOLAR CO., LTD N-type Monocrystalline Double-sided TOPCon Battery Product and Services
- 7.8.4 DAS SOLAR CO., LTD N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 DAS SOLAR CO., LTD Recent Developments/Updates
- 7.8.6 DAS SOLAR CO., LTD Competitive Strengths & Weaknesses
- 7.9 Tongwei Co., Ltd
 - 7.9.1 Tongwei Co., Ltd Details
 - 7.9.2 Tongwei Co., Ltd Major Business
 - 7.9.3 Tongwei Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
 - 7.9.4 Tongwei Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.9.5 Tongwei Co., Ltd Recent Developments/Updates
 - 7.9.6 Tongwei Co., Ltd Competitive Strengths & Weaknesses
- 7.10 Talesun Solar Technologies Co., Ltd
 - 7.10.1 Talesun Solar Technologies Co., Ltd Details
 - 7.10.2 Talesun Solar Technologies Co., Ltd Major Business
 - 7.10.3 Talesun Solar Technologies Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
 - 7.10.4 Talesun Solar Technologies Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Talesun Solar Technologies Co., Ltd Recent Developments/Updates
 - 7.10.6 Talesun Solar Technologies Co., Ltd Competitive Strengths & Weaknesses
- 7.11 Zhejiang Fortune Energy Co.,Ltd
 - 7.11.1 Zhejiang Fortune Energy Co.,Ltd Details
 - 7.11.2 Zhejiang Fortune Energy Co.,Ltd Major Business
 - 7.11.3 Zhejiang Fortune Energy Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services
 - 7.11.4 Zhejiang Fortune Energy Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Zhejiang Fortune Energy Co.,Ltd Recent Developments/Updates
 - 7.11.6 Zhejiang Fortune Energy Co.,Ltd Competitive Strengths & Weaknesses
- 7.12 JA Solar Technology Co., Ltd
 - 7.12.1 JA Solar Technology Co., Ltd Details
 - 7.12.2 JA Solar Technology Co., Ltd Major Business
 - 7.12.3 JA Solar Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

7.12.4 JA Solar Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 JA Solar Technology Co., Ltd Recent Developments/Updates

7.12.6 JA Solar Technology Co., Ltd Competitive Strengths & Weaknesses

7.13 Trina Solar Co., Ltd

7.13.1 Trina Solar Co., Ltd Details

7.13.2 Trina Solar Co., Ltd Major Business

7.13.3 Trina Solar Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

7.13.4 Trina Solar Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 Trina Solar Co., Ltd Recent Developments/Updates

7.13.6 Trina Solar Co., Ltd Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 N-type Monocrystalline Double-sided TOPCon Battery Industry Chain

8.2 N-type Monocrystalline Double-sided TOPCon Battery Upstream Analysis

8.2.1 N-type Monocrystalline Double-sided TOPCon Battery Core Raw Materials

8.2.2 Main Manufacturers of N-type Monocrystalline Double-sided TOPCon Battery Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 N-type Monocrystalline Double-sided TOPCon Battery Production Mode

8.6 N-type Monocrystalline Double-sided TOPCon Battery Procurement Model

8.7 N-type Monocrystalline Double-sided TOPCon Battery Industry Sales Model and Sales Channels

8.7.1 N-type Monocrystalline Double-sided TOPCon Battery Sales Model

8.7.2 N-type Monocrystalline Double-sided TOPCon Battery Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Region (2018-2023) & (USD Million)

Table 3. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Region (2024-2029) & (USD Million)

Table 4. World N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share by Region (2018-2023)

Table 5. World N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share by Region (2024-2029)

Table 6. World N-type Monocrystalline Double-sided TOPCon Battery Production by Region (2018-2023) & (K Units)

Table 7. World N-type Monocrystalline Double-sided TOPCon Battery Production by Region (2024-2029) & (K Units)

Table 8. World N-type Monocrystalline Double-sided TOPCon Battery Production Market Share by Region (2018-2023)

Table 9. World N-type Monocrystalline Double-sided TOPCon Battery Production Market Share by Region (2024-2029)

Table 10. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. N-type Monocrystalline Double-sided TOPCon Battery Major Market Trends

Table 13. World N-type Monocrystalline Double-sided TOPCon Battery Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World N-type Monocrystalline Double-sided TOPCon Battery Consumption by Region (2018-2023) & (K Units)

Table 15. World N-type Monocrystalline Double-sided TOPCon Battery Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key N-type Monocrystalline Double-sided TOPCon Battery Producers in 2022

Table 18. World N-type Monocrystalline Double-sided TOPCon Battery Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key N-type Monocrystalline Double-sided TOPCon Battery Producers in 2022

Table 20. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global N-type Monocrystalline Double-sided TOPCon Battery Company Evaluation Quadrant

Table 22. World N-type Monocrystalline Double-sided TOPCon Battery Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and N-type Monocrystalline Double-sided TOPCon Battery Production Site of Key Manufacturer

Table 24. N-type Monocrystalline Double-sided TOPCon Battery Market: Company Product Type Footprint

Table 25. N-type Monocrystalline Double-sided TOPCon Battery Market: Company Product Application Footprint

Table 26. N-type Monocrystalline Double-sided TOPCon Battery Competitive Factors

Table 27. N-type Monocrystalline Double-sided TOPCon Battery New Entrant and Capacity Expansion Plans

Table 28. N-type Monocrystalline Double-sided TOPCon Battery Mergers & Acquisitions Activity

Table 29. United States VS China N-type Monocrystalline Double-sided TOPCon Battery Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China N-type Monocrystalline Double-sided TOPCon Battery Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China N-type Monocrystalline Double-sided TOPCon Battery Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Market Share (2018-2023)

Table 37. China Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Market Share (2018-2023)

Table 42. Rest of World Based N-type Monocrystalline Double-sided TOPCon Battery Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Market Share (2018-2023)

Table 47. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World N-type Monocrystalline Double-sided TOPCon Battery Production by Type (2018-2023) & (K Units)

Table 49. World N-type Monocrystalline Double-sided TOPCon Battery Production by Type (2024-2029) & (K Units)

Table 50. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Type (2018-2023) & (USD Million)

Table 51. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Type (2024-2029) & (USD Million)

Table 52. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World N-type Monocrystalline Double-sided TOPCon Battery Production by Application (2018-2023) & (K Units)

Table 56. World N-type Monocrystalline Double-sided TOPCon Battery Production by Application (2024-2029) & (K Units)

Table 57. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Application (2018-2023) & (USD Million)

Table 58. World N-type Monocrystalline Double-sided TOPCon Battery Production

Value by Application (2024-2029) & (USD Million)

Table 59. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. LG Basic Information, Manufacturing Base and Competitors

Table 62. LG Major Business

Table 63. LG N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 64. LG N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. LG Recent Developments/Updates

Table 66. LG Competitive Strengths & Weaknesses

Table 67. REC Solar Pte.Ltd Basic Information, Manufacturing Base and Competitors

Table 68. REC Solar Pte.Ltd Major Business

Table 69. REC Solar Pte.Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 70. REC Solar Pte.Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. REC Solar Pte.Ltd Recent Developments/Updates

Table 72. REC Solar Pte.Ltd Competitive Strengths & Weaknesses

Table 73. CSI Solar Basic Information, Manufacturing Base and Competitors

Table 74. CSI Solar Major Business

Table 75. CSI Solar N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 76. CSI Solar N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. CSI Solar Recent Developments/Updates

Table 78. CSI Solar Competitive Strengths & Weaknesses

Table 79. Jolywood (Suzhou) Sunwatt Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 80. Jolywood (Suzhou) Sunwatt Co., Ltd Major Business

Table 81. Jolywood (Suzhou) Sunwatt Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 82. Jolywood (Suzhou) Sunwatt Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million),

Gross Margin and Market Share (2018-2023)

Table 83. Jolywood (Suzhou) Sunwatt Co., Ltd Recent Developments/Updates

Table 84. Jolywood (Suzhou) Sunwatt Co., Ltd Competitive Strengths & Weaknesses

Table 85. Jinko Solar Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 86. Jinko Solar Co.,Ltd Major Business

Table 87. Jinko Solar Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 88. Jinko Solar Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Jinko Solar Co.,Ltd Recent Developments/Updates

Table 90. Jinko Solar Co.,Ltd Competitive Strengths & Weaknesses

Table 91. Lingda Group Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 92. Lingda Group Co.,Ltd Major Business

Table 93. Lingda Group Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 94. Lingda Group Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. Lingda Group Co.,Ltd Recent Developments/Updates

Table 96. Lingda Group Co.,Ltd Competitive Strengths & Weaknesses

Table 97. LONGi Green Energy Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 98. LONGi Green Energy Technology Co., Ltd Major Business

Table 99. LONGi Green Energy Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 100. LONGi Green Energy Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. LONGi Green Energy Technology Co., Ltd Recent Developments/Updates

Table 102. LONGi Green Energy Technology Co., Ltd Competitive Strengths & Weaknesses

Table 103. DAS SOLAR CO., LTD Basic Information, Manufacturing Base and Competitors

Table 104. DAS SOLAR CO., LTD Major Business

Table 105. DAS SOLAR CO., LTD N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 106. DAS SOLAR CO., LTD N-type Monocrystalline Double-sided TOPCon

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

Table 107. DAS SOLAR CO., LTD Recent Developments/Updates

Table 108. DAS SOLAR CO., LTD Competitive Strengths & Weaknesses

Table 109. Tongwei Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 110. Tongwei Co., Ltd Major Business

Table 111. Tongwei Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 112. Tongwei Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Tongwei Co., Ltd Recent Developments/Updates

Table 114. Tongwei Co., Ltd Competitive Strengths & Weaknesses

Table 115. Talesun Solar Technologies Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 116. Talesun Solar Technologies Co., Ltd Major Business

Table 117. Talesun Solar Technologies Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 118. Talesun Solar Technologies Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Talesun Solar Technologies Co., Ltd Recent Developments/Updates

Table 120. Talesun Solar Technologies Co., Ltd Competitive Strengths & Weaknesses

Table 121. Zhejiang Fortune Energy Co.,Ltd Basic Information, Manufacturing Base and Competitors

Table 122. Zhejiang Fortune Energy Co.,Ltd Major Business

Table 123. Zhejiang Fortune Energy Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 124. Zhejiang Fortune Energy Co.,Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Zhejiang Fortune Energy Co.,Ltd Recent Developments/Updates

Table 126. Zhejiang Fortune Energy Co.,Ltd Competitive Strengths & Weaknesses

Table 127. JA Solar Technology Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 128. JA Solar Technology Co., Ltd Major Business

Table 129. JA Solar Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 130. JA Solar Technology Co., Ltd N-type Monocrystalline Double-sided TOPCon

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

Table 131. JA Solar Technology Co., Ltd Recent Developments/Updates

Table 132. Trina Solar Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 133. Trina Solar Co., Ltd Major Business

Table 134. Trina Solar Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Product and Services

Table 135. Trina Solar Co., Ltd N-type Monocrystalline Double-sided TOPCon Battery Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 136. Global Key Players of N-type Monocrystalline Double-sided TOPCon Battery Upstream (Raw Materials)

Table 137. N-type Monocrystalline Double-sided TOPCon Battery Typical Customers

Table 138. N-type Monocrystalline Double-sided TOPCon Battery Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. N-type Monocrystalline Double-sided TOPCon Battery Picture
- Figure 2. World N-type Monocrystalline Double-sided TOPCon Battery Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World N-type Monocrystalline Double-sided TOPCon Battery Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029) & (K Units)
- Figure 5. World N-type Monocrystalline Double-sided TOPCon Battery Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share by Region (2018-2029)
- Figure 7. World N-type Monocrystalline Double-sided TOPCon Battery Production Market Share by Region (2018-2029)
- Figure 8. North America N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029) & (K Units)
- Figure 9. Europe N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029) & (K Units)
- Figure 10. China N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029) & (K Units)
- Figure 11. Japan N-type Monocrystalline Double-sided TOPCon Battery Production (2018-2029) & (K Units)
- Figure 12. N-type Monocrystalline Double-sided TOPCon Battery Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)
- Figure 15. World N-type Monocrystalline Double-sided TOPCon Battery Consumption Market Share by Region (2018-2029)
- Figure 16. United States N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)
- Figure 17. China N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)
- Figure 18. Europe N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)
- Figure 19. Japan N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)

- Figure 20. South Korea N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)
- Figure 21. ASEAN N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)
- Figure 22. India N-type Monocrystalline Double-sided TOPCon Battery Consumption (2018-2029) & (K Units)
- Figure 23. Producer Shipments of N-type Monocrystalline Double-sided TOPCon Battery by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 24. Global Four-firm Concentration Ratios (CR4) for N-type Monocrystalline Double-sided TOPCon Battery Markets in 2022
- Figure 25. Global Four-firm Concentration Ratios (CR8) for N-type Monocrystalline Double-sided TOPCon Battery Markets in 2022
- Figure 26. United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share Comparison (2018 & 2022 & 2029)
- Figure 27. United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Production Market Share Comparison (2018 & 2022 & 2029)
- Figure 28. United States VS China: N-type Monocrystalline Double-sided TOPCon Battery Consumption Market Share Comparison (2018 & 2022 & 2029)
- Figure 29. United States Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Market Share 2022
- Figure 30. China Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Market Share 2022
- Figure 31. Rest of World Based Manufacturers N-type Monocrystalline Double-sided TOPCon Battery Production Market Share 2022
- Figure 32. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Type, (USD Million), 2018 & 2022 & 2029
- Figure 33. World N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share by Type in 2022
- Figure 34. Ion Dual Cycle Battery
- Figure 35. Long Cycle Battery
- Figure 36. World N-type Monocrystalline Double-sided TOPCon Battery Production Market Share by Type (2018-2029)
- Figure 37. World N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share by Type (2018-2029)
- Figure 38. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Type (2018-2029) & (US\$/Unit)
- Figure 39. World N-type Monocrystalline Double-sided TOPCon Battery Production Value by Application, (USD Million), 2018 & 2022 & 2029
- Figure 40. World N-type Monocrystalline Double-sided TOPCon Battery Production

Value Market Share by Application in 2022

Figure 41. Photovoltaic Power Station

Figure 42. New Energy Vehicles

Figure 43. Others

Figure 44. World N-type Monocrystalline Double-sided TOPCon Battery Production Market Share by Application (2018-2029)

Figure 45. World N-type Monocrystalline Double-sided TOPCon Battery Production Value Market Share by Application (2018-2029)

Figure 46. World N-type Monocrystalline Double-sided TOPCon Battery Average Price by Application (2018-2029) & (US\$/Unit)

Figure 47. N-type Monocrystalline Double-sided TOPCon Battery Industry Chain

Figure 48. N-type Monocrystalline Double-sided TOPCon Battery Procurement Model

Figure 49. N-type Monocrystalline Double-sided TOPCon Battery Sales Model

Figure 50. N-type Monocrystalline Double-sided TOPCon Battery Sales Channels, Direct Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source

I would like to order

Product name: Global N-type Monocrystalline Double-sided TOPCon Battery Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GF79864405D3EN.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/GF79864405D3EN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

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

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

