

# Global Bilayer Membrane Heterojunction Organic Solar Cell Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GEC83B152A48EN.html>

Date: February 2023

Pages: 117

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

ID: GEC83B152A48EN

## Abstracts

The global Bilayer Membrane Heterojunction Organic Solar Cell 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 Bilayer Membrane Heterojunction Organic Solar Cell production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Bilayer Membrane Heterojunction Organic Solar Cell, 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 Bilayer Membrane Heterojunction Organic Solar Cell that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Bilayer Membrane Heterojunction Organic Solar Cell total production and demand, 2018-2029, (K Units)

Global Bilayer Membrane Heterojunction Organic Solar Cell total production value, 2018-2029, (USD Million)

Global Bilayer Membrane Heterojunction Organic Solar Cell production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Bilayer Membrane Heterojunction Organic Solar Cell consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Bilayer Membrane Heterojunction Organic Solar Cell domestic production, consumption, key domestic manufacturers and share

Global Bilayer Membrane Heterojunction Organic Solar Cell production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Bilayer Membrane Heterojunction Organic Solar Cell production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Bilayer Membrane Heterojunction Organic Solar Cell production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Bilayer Membrane Heterojunction Organic Solar Cell 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 Heliatek, ARMOR, infinityPV, Novald, SUNEW, NanoFlex Power Corporation, MORESCO Corporation, Alfa Aesar and Ningbo Polycrown Solar Tech, 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 Bilayer Membrane Heterojunction Organic Solar Cell 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 Bilayer Membrane Heterojunction Organic Solar Cell Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global Bilayer Membrane Heterojunction Organic Solar Cell Market, Segmentation by Type

Polymers

Small Molecules

## Global Bilayer Membrane Heterojunction Organic Solar Cell Market, Segmentation by Application

Consumer Electronics Industry

Wearable Devices

Automotive

Military

Others

## Companies Profiled:

Heliatek

ARMOR

infinityPV

Novaled

SUNEW

NanoFlex Power Corporation

MORESCO Corporation

Alfa Aesar

Ningbo Polycrown Solar Tech

SHIFENG TECHNOLOGY

Solaris Chem

Epishine

TOSHIBA CORPORATION

Tokyo Chemical Industry

ENI

## Key Questions Answered

1. How big is the global Bilayer Membrane Heterojunction Organic Solar Cell market?
2. What is the demand of the global Bilayer Membrane Heterojunction Organic Solar Cell market?

3. What is the year over year growth of the global Bilayer Membrane Heterojunction Organic Solar Cell market?
4. What is the production and production value of the global Bilayer Membrane Heterojunction Organic Solar Cell market?
5. Who are the key producers in the global Bilayer Membrane Heterojunction Organic Solar Cell market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Bilayer Membrane Heterojunction Organic Solar Cell Introduction
- 1.2 World Bilayer Membrane Heterojunction Organic Solar Cell Supply & Forecast
  - 1.2.1 World Bilayer Membrane Heterojunction Organic Solar Cell Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029)
  - 1.2.3 World Bilayer Membrane Heterojunction Organic Solar Cell Pricing Trends (2018-2029)
- 1.3 World Bilayer Membrane Heterojunction Organic Solar Cell Production by Region (Based on Production Site)
  - 1.3.1 World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Region (2018-2029)
  - 1.3.2 World Bilayer Membrane Heterojunction Organic Solar Cell Production by Region (2018-2029)
  - 1.3.3 World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Region (2018-2029)
  - 1.3.4 North America Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029)
  - 1.3.5 Europe Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029)
  - 1.3.6 China Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029)
  - 1.3.7 Japan Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Bilayer Membrane Heterojunction Organic Solar Cell Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Bilayer Membrane Heterojunction Organic Solar Cell 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 Bilayer Membrane Heterojunction Organic Solar Cell Demand (2018-2029)

## 2.2 World Bilayer Membrane Heterojunction Organic Solar Cell Consumption by Region

2.2.1 World Bilayer Membrane Heterojunction Organic Solar Cell Consumption by Region (2018-2023)

2.2.2 World Bilayer Membrane Heterojunction Organic Solar Cell Consumption Forecast by Region (2024-2029)

2.3 United States Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029)

2.4 China Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029)

2.5 Europe Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029)

2.6 Japan Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029)

2.7 South Korea Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029)

2.8 ASEAN Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029)

2.9 India Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029)

## **3 WORLD BILAYER MEMBRANE HETEROJUNCTION ORGANIC SOLAR CELL MANUFACTURERS COMPETITIVE ANALYSIS**

3.1 World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Manufacturer (2018-2023)

3.2 World Bilayer Membrane Heterojunction Organic Solar Cell Production by Manufacturer (2018-2023)

3.3 World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Manufacturer (2018-2023)

3.4 Bilayer Membrane Heterojunction Organic Solar Cell Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Bilayer Membrane Heterojunction Organic Solar Cell Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Bilayer Membrane Heterojunction Organic Solar Cell in 2022

3.5.3 Global Concentration Ratios (CR8) for Bilayer Membrane Heterojunction Organic Solar Cell in 2022

3.6 Bilayer Membrane Heterojunction Organic Solar Cell Market: Overall Company Footprint Analysis

- 3.6.1 Bilayer Membrane Heterojunction Organic Solar Cell Market: Region Footprint
- 3.6.2 Bilayer Membrane Heterojunction Organic Solar Cell Market: Company Product Type Footprint
- 3.6.3 Bilayer Membrane Heterojunction Organic Solar Cell 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: Bilayer Membrane Heterojunction Organic Solar Cell Production Value Comparison
  - 4.1.1 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Production Comparison
  - 4.2.1 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Consumption Comparison
  - 4.3.1 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: Bilayer Membrane Heterojunction Organic Solar Cell Consumption Market Share Comparison (2018 & 2022 & 2029)
- 4.4 United States Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers and Market Share, 2018-2023
  - 4.4.1 United States Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers, Headquarters and Production Site (States, Country)
  - 4.4.2 United States Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value (2018-2023)
  - 4.4.3 United States Based Manufacturers Bilayer Membrane Heterojunction Organic



## Solar Cell Production (2018-2023)

### 4.5 China Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers and Market Share

#### 4.5.1 China Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers, Headquarters and Production Site (Province, Country)

#### 4.5.2 China Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value (2018-2023)

#### 4.5.3 China Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2023)

### 4.6 Rest of World Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers and Market Share, 2018-2023

#### 4.6.1 Rest of World Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers, Headquarters and Production Site (State, Country)

#### 4.6.2 Rest of World Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value (2018-2023)

#### 4.6.3 Rest of World Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2023)

## 5 MARKET ANALYSIS BY TYPE

### 5.1 World Bilayer Membrane Heterojunction Organic Solar Cell Market Size Overview by Type: 2018 VS 2022 VS 2029

### 5.2 Segment Introduction by Type

#### 5.2.1 Polymers

#### 5.2.2 Small Molecules

### 5.3 Market Segment by Type

#### 5.3.1 World Bilayer Membrane Heterojunction Organic Solar Cell Production by Type (2018-2029)

#### 5.3.2 World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Type (2018-2029)

#### 5.3.3 World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Type (2018-2029)

## 6 MARKET ANALYSIS BY APPLICATION

### 6.1 World Bilayer Membrane Heterojunction Organic Solar Cell Market Size Overview by Application: 2018 VS 2022 VS 2029

### 6.2 Segment Introduction by Application

#### 6.2.1 Consumer Electronics Industry

6.2.2 Wearable Devices

6.2.3 Automotive

6.2.4 Military

6.2.5 Others

6.3 Market Segment by Application

6.3.1 World Bilayer Membrane Heterojunction Organic Solar Cell Production by Application (2018-2029)

6.3.2 World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Application (2018-2029)

6.3.3 World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Heliatek

7.1.1 Heliatek Details

7.1.2 Heliatek Major Business

7.1.3 Heliatek Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

7.1.4 Heliatek Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Heliatek Recent Developments/Updates

7.1.6 Heliatek Competitive Strengths & Weaknesses

7.2 ARMOR

7.2.1 ARMOR Details

7.2.2 ARMOR Major Business

7.2.3 ARMOR Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

7.2.4 ARMOR Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 ARMOR Recent Developments/Updates

7.2.6 ARMOR Competitive Strengths & Weaknesses

7.3 infinityPV

7.3.1 infinityPV Details

7.3.2 infinityPV Major Business

7.3.3 infinityPV Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

7.3.4 infinityPV Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)

- 7.3.5 infinityPV Recent Developments/Updates
- 7.3.6 infinityPV Competitive Strengths & Weaknesses
- 7.4 Novald
  - 7.4.1 Novald Details
  - 7.4.2 Novald Major Business
  - 7.4.3 Novald Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
  - 7.4.4 Novald Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Novald Recent Developments/Updates
  - 7.4.6 Novald Competitive Strengths & Weaknesses
- 7.5 SUNEW
  - 7.5.1 SUNEW Details
  - 7.5.2 SUNEW Major Business
  - 7.5.3 SUNEW Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
  - 7.5.4 SUNEW Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 SUNEW Recent Developments/Updates
  - 7.5.6 SUNEW Competitive Strengths & Weaknesses
- 7.6 NanoFlex Power Corporation
  - 7.6.1 NanoFlex Power Corporation Details
  - 7.6.2 NanoFlex Power Corporation Major Business
  - 7.6.3 NanoFlex Power Corporation Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
  - 7.6.4 NanoFlex Power Corporation Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 NanoFlex Power Corporation Recent Developments/Updates
  - 7.6.6 NanoFlex Power Corporation Competitive Strengths & Weaknesses
- 7.7 MORESCO Corporation
  - 7.7.1 MORESCO Corporation Details
  - 7.7.2 MORESCO Corporation Major Business
  - 7.7.3 MORESCO Corporation Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
  - 7.7.4 MORESCO Corporation Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 MORESCO Corporation Recent Developments/Updates
  - 7.7.6 MORESCO Corporation Competitive Strengths & Weaknesses
- 7.8 Alfa Aesar

- 7.8.1 Alfa Aesar Details
- 7.8.2 Alfa Aesar Major Business
- 7.8.3 Alfa Aesar Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
- 7.8.4 Alfa Aesar Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.8.5 Alfa Aesar Recent Developments/Updates
- 7.8.6 Alfa Aesar Competitive Strengths & Weaknesses
- 7.9 Ningbo Polycrown Solar Tech
  - 7.9.1 Ningbo Polycrown Solar Tech Details
  - 7.9.2 Ningbo Polycrown Solar Tech Major Business
  - 7.9.3 Ningbo Polycrown Solar Tech Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
  - 7.9.4 Ningbo Polycrown Solar Tech Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 Ningbo Polycrown Solar Tech Recent Developments/Updates
  - 7.9.6 Ningbo Polycrown Solar Tech Competitive Strengths & Weaknesses
- 7.10 SHIFENG TECHNOLOGY
  - 7.10.1 SHIFENG TECHNOLOGY Details
  - 7.10.2 SHIFENG TECHNOLOGY Major Business
  - 7.10.3 SHIFENG TECHNOLOGY Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
  - 7.10.4 SHIFENG TECHNOLOGY Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 SHIFENG TECHNOLOGY Recent Developments/Updates
  - 7.10.6 SHIFENG TECHNOLOGY Competitive Strengths & Weaknesses
- 7.11 Solaris Chem
  - 7.11.1 Solaris Chem Details
  - 7.11.2 Solaris Chem Major Business
  - 7.11.3 Solaris Chem Bilayer Membrane Heterojunction Organic Solar Cell Product and Services
  - 7.11.4 Solaris Chem Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.11.5 Solaris Chem Recent Developments/Updates
  - 7.11.6 Solaris Chem Competitive Strengths & Weaknesses
- 7.12 Epishine
  - 7.12.1 Epishine Details
  - 7.12.2 Epishine Major Business
  - 7.12.3 Epishine Bilayer Membrane Heterojunction Organic Solar Cell Product and

## Services

7.12.4 Epishine Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Epishine Recent Developments/Updates

7.12.6 Epishine Competitive Strengths & Weaknesses

## 7.13 TOSHIBA CORPORATION

7.13.1 TOSHIBA CORPORATION Details

7.13.2 TOSHIBA CORPORATION Major Business

7.13.3 TOSHIBA CORPORATION Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

7.13.4 TOSHIBA CORPORATION Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 TOSHIBA CORPORATION Recent Developments/Updates

7.13.6 TOSHIBA CORPORATION Competitive Strengths & Weaknesses

## 7.14 Tokyo Chemical Industry

7.14.1 Tokyo Chemical Industry Details

7.14.2 Tokyo Chemical Industry Major Business

7.14.3 Tokyo Chemical Industry Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

7.14.4 Tokyo Chemical Industry Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.14.5 Tokyo Chemical Industry Recent Developments/Updates

7.14.6 Tokyo Chemical Industry Competitive Strengths & Weaknesses

## 7.15 ENI

7.15.1 ENI Details

7.15.2 ENI Major Business

7.15.3 ENI Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

7.15.4 ENI Bilayer Membrane Heterojunction Organic Solar Cell Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.15.5 ENI Recent Developments/Updates

7.15.6 ENI Competitive Strengths & Weaknesses

## 8 INDUSTRY CHAIN ANALYSIS

8.1 Bilayer Membrane Heterojunction Organic Solar Cell Industry Chain

8.2 Bilayer Membrane Heterojunction Organic Solar Cell Upstream Analysis

8.2.1 Bilayer Membrane Heterojunction Organic Solar Cell Core Raw Materials

8.2.2 Main Manufacturers of Bilayer Membrane Heterojunction Organic Solar Cell Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Bilayer Membrane Heterojunction Organic Solar Cell Production Mode

8.6 Bilayer Membrane Heterojunction Organic Solar Cell Procurement Model

8.7 Bilayer Membrane Heterojunction Organic Solar Cell Industry Sales Model and Sales Channels

8.7.1 Bilayer Membrane Heterojunction Organic Solar Cell Sales Model

8.7.2 Bilayer Membrane Heterojunction Organic Solar Cell 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 Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Region (2018-2023) & (USD Million)

Table 3. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Region (2024-2029) & (USD Million)

Table 4. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value Market Share by Region (2018-2023)

Table 5. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value Market Share by Region (2024-2029)

Table 6. World Bilayer Membrane Heterojunction Organic Solar Cell Production by Region (2018-2023) & (K Units)

Table 7. World Bilayer Membrane Heterojunction Organic Solar Cell Production by Region (2024-2029) & (K Units)

Table 8. World Bilayer Membrane Heterojunction Organic Solar Cell Production Market Share by Region (2018-2023)

Table 9. World Bilayer Membrane Heterojunction Organic Solar Cell Production Market Share by Region (2024-2029)

Table 10. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. Bilayer Membrane Heterojunction Organic Solar Cell Major Market Trends

Table 13. World Bilayer Membrane Heterojunction Organic Solar Cell Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World Bilayer Membrane Heterojunction Organic Solar Cell Consumption by Region (2018-2023) & (K Units)

Table 15. World Bilayer Membrane Heterojunction Organic Solar Cell Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Bilayer Membrane Heterojunction Organic Solar Cell Producers in 2022

Table 18. World Bilayer Membrane Heterojunction Organic Solar Cell Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key Bilayer Membrane Heterojunction Organic Solar Cell Producers in 2022

Table 20. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global Bilayer Membrane Heterojunction Organic Solar Cell Company Evaluation Quadrant

Table 22. World Bilayer Membrane Heterojunction Organic Solar Cell Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Bilayer Membrane Heterojunction Organic Solar Cell Production Site of Key Manufacturer

Table 24. Bilayer Membrane Heterojunction Organic Solar Cell Market: Company Product Type Footprint

Table 25. Bilayer Membrane Heterojunction Organic Solar Cell Market: Company Product Application Footprint

Table 26. Bilayer Membrane Heterojunction Organic Solar Cell Competitive Factors

Table 27. Bilayer Membrane Heterojunction Organic Solar Cell New Entrant and Capacity Expansion Plans

Table 28. Bilayer Membrane Heterojunction Organic Solar Cell Mergers & Acquisitions Activity

Table 29. United States VS China Bilayer Membrane Heterojunction Organic Solar Cell Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Bilayer Membrane Heterojunction Organic Solar Cell Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Bilayer Membrane Heterojunction Organic Solar Cell Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Market Share (2018-2023)

Table 37. China Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value, (2018-2023) & (USD Million)



Table 39. China Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Market Share (2018-2023)

Table 42. Rest of World Based Bilayer Membrane Heterojunction Organic Solar Cell Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Bilayer Membrane Heterojunction Organic Solar Cell Production Market Share (2018-2023)

Table 47. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Bilayer Membrane Heterojunction Organic Solar Cell Production by Type (2018-2023) & (K Units)

Table 49. World Bilayer Membrane Heterojunction Organic Solar Cell Production by Type (2024-2029) & (K Units)

Table 50. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Type (2018-2023) & (USD Million)

Table 51. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Type (2024-2029) & (USD Million)

Table 52. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Bilayer Membrane Heterojunction Organic Solar Cell Production by Application (2018-2023) & (K Units)

Table 56. World Bilayer Membrane Heterojunction Organic Solar Cell Production by Application (2024-2029) & (K Units)

Table 57. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value by Application (2018-2023) & (USD Million)

Table 58. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value

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

Table 59. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Heliatek Basic Information, Manufacturing Base and Competitors

Table 62. Heliatek Major Business

Table 63. Heliatek Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 64. Heliatek Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Heliatek Recent Developments/Updates

Table 66. Heliatek Competitive Strengths & Weaknesses

Table 67. ARMOR Basic Information, Manufacturing Base and Competitors

Table 68. ARMOR Major Business

Table 69. ARMOR Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 70. ARMOR Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. ARMOR Recent Developments/Updates

Table 72. ARMOR Competitive Strengths & Weaknesses

Table 73. infinityPV Basic Information, Manufacturing Base and Competitors

Table 74. infinityPV Major Business

Table 75. infinityPV Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 76. infinityPV Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. infinityPV Recent Developments/Updates

Table 78. infinityPV Competitive Strengths & Weaknesses

Table 79. Novald Basic Information, Manufacturing Base and Competitors

Table 80. Novald Major Business

Table 81. Novald Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 82. Novald Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Novald Recent Developments/Updates

Table 84. Novald Competitive Strengths & Weaknesses

Table 85. SUNEW Basic Information, Manufacturing Base and Competitors

Table 86. SUNEW Major Business

Table 87. SUNEW Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 88. SUNEW Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. SUNEW Recent Developments/Updates

Table 90. SUNEW Competitive Strengths & Weaknesses

Table 91. NanoFlex Power Corporation Basic Information, Manufacturing Base and Competitors

Table 92. NanoFlex Power Corporation Major Business

Table 93. NanoFlex Power Corporation Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 94. NanoFlex Power Corporation Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. NanoFlex Power Corporation Recent Developments/Updates

Table 96. NanoFlex Power Corporation Competitive Strengths & Weaknesses

Table 97. MORESCO Corporation Basic Information, Manufacturing Base and Competitors

Table 98. MORESCO Corporation Major Business

Table 99. MORESCO Corporation Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 100. MORESCO Corporation Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. MORESCO Corporation Recent Developments/Updates

Table 102. MORESCO Corporation Competitive Strengths & Weaknesses

Table 103. Alfa Aesar Basic Information, Manufacturing Base and Competitors

Table 104. Alfa Aesar Major Business

Table 105. Alfa Aesar Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 106. Alfa Aesar Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Alfa Aesar Recent Developments/Updates

Table 108. Alfa Aesar Competitive Strengths & Weaknesses

Table 109. Ningbo Polycrown Solar Tech Basic Information, Manufacturing Base and Competitors

Table 110. Ningbo Polycrown Solar Tech Major Business

Table 111. Ningbo Polycrown Solar Tech Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 112. Ningbo Polycrown Solar Tech Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. Ningbo Polycrown Solar Tech Recent Developments/Updates

Table 114. Ningbo Polycrown Solar Tech Competitive Strengths & Weaknesses

Table 115. SHIFENG TECHNOLOGY Basic Information, Manufacturing Base and Competitors

Table 116. SHIFENG TECHNOLOGY Major Business

Table 117. SHIFENG TECHNOLOGY Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 118. SHIFENG TECHNOLOGY Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. SHIFENG TECHNOLOGY Recent Developments/Updates

Table 120. SHIFENG TECHNOLOGY Competitive Strengths & Weaknesses

Table 121. Solaris Chem Basic Information, Manufacturing Base and Competitors

Table 122. Solaris Chem Major Business

Table 123. Solaris Chem Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 124. Solaris Chem Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Solaris Chem Recent Developments/Updates

Table 126. Solaris Chem Competitive Strengths & Weaknesses

Table 127. Epishine Basic Information, Manufacturing Base and Competitors

Table 128. Epishine Major Business

Table 129. Epishine Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 130. Epishine Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 131. Epishine Recent Developments/Updates

Table 132. Epishine Competitive Strengths & Weaknesses

Table 133. TOSHIBA CORPORATION Basic Information, Manufacturing Base and Competitors

Table 134. TOSHIBA CORPORATION Major Business

Table 135. TOSHIBA CORPORATION Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 136. TOSHIBA CORPORATION Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. TOSHIBA CORPORATION Recent Developments/Updates

Table 138. TOSHIBA CORPORATION Competitive Strengths & Weaknesses

Table 139. Tokyo Chemical Industry Basic Information, Manufacturing Base and Competitors

Table 140. Tokyo Chemical Industry Major Business

Table 141. Tokyo Chemical Industry Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 142. Tokyo Chemical Industry Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 143. Tokyo Chemical Industry Recent Developments/Updates

Table 144. ENI Basic Information, Manufacturing Base and Competitors

Table 145. ENI Major Business

Table 146. ENI Bilayer Membrane Heterojunction Organic Solar Cell Product and Services

Table 147. ENI Bilayer Membrane Heterojunction Organic Solar Cell Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 148. Global Key Players of Bilayer Membrane Heterojunction Organic Solar Cell Upstream (Raw Materials)

Table 149. Bilayer Membrane Heterojunction Organic Solar Cell Typical Customers

Table 150. Bilayer Membrane Heterojunction Organic Solar Cell Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Bilayer Membrane Heterojunction Organic Solar Cell Picture

Figure 2. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029) & (K Units)

Figure 5. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price (2018-2029) & (US\$/Unit)

Figure 6. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value Market Share by Region (2018-2029)

Figure 7. World Bilayer Membrane Heterojunction Organic Solar Cell Production Market Share by Region (2018-2029)

Figure 8. North America Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029) & (K Units)

Figure 9. Europe Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029) & (K Units)

Figure 10. China Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029) & (K Units)

Figure 11. Japan Bilayer Membrane Heterojunction Organic Solar Cell Production (2018-2029) & (K Units)

Figure 12. Bilayer Membrane Heterojunction Organic Solar Cell Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029) & (K Units)

Figure 15. World Bilayer Membrane Heterojunction Organic Solar Cell Consumption Market Share by Region (2018-2029)

Figure 16. United States Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029) & (K Units)

Figure 17. China Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029) & (K Units)

Figure 18. Europe Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029) & (K Units)

Figure 19. Japan Bilayer Membrane Heterojunction Organic Solar Cell Consumption (2018-2029) & (K Units)

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

Market Share by Application in 2022

Figure 41. Consumer Electronics Industry

Figure 42. Wearable Devices

Figure 43. Automotive

Figure 44. Military

Figure 45. Others

Figure 46. World Bilayer Membrane Heterojunction Organic Solar Cell Production

Market Share by Application (2018-2029)

Figure 47. World Bilayer Membrane Heterojunction Organic Solar Cell Production Value

Market Share by Application (2018-2029)

Figure 48. World Bilayer Membrane Heterojunction Organic Solar Cell Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Bilayer Membrane Heterojunction Organic Solar Cell Industry Chain

Figure 50. Bilayer Membrane Heterojunction Organic Solar Cell Procurement Model

Figure 51. Bilayer Membrane Heterojunction Organic Solar Cell Sales Model

Figure 52. Bilayer Membrane Heterojunction Organic Solar Cell Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source



## I would like to order

Product name: Global Bilayer Membrane Heterojunction Organic Solar Cell Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GEC83B152A48EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEC83B152A48EN.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

