

Global Solar Awning Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Solar Awning market size is expected to reach \$ 1810 million by 2032, rising at a market growth of 10.5% CAGR during the forecast period (2026-2032).

A solar awning is a multifunctional structure that combines traditional sun-shading fabric or panels with photovoltaic cells to generate electricity while providing shade, reducing cooling costs, and protecting against weather. These units can be fixed over windows/doors or retractable (ideal for RVs), turning sunlit areas into active power generators.

In 2025, the global production volume of solar awnings is projected to reach 310,000 units, with an average price of \$2,850 per unit.

This report studies the global Solar Awning production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Solar Awning 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 Solar Awning that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Solar Awning total production and demand, 2021-2032, (K Units)

Global Solar Awning total production value, 2021-2032, (USD Million)

Global Solar Awning production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Solar Awning consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Solar Awning domestic production, consumption, key domestic manufacturers and share

Global Solar Awning production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Solar Awning production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Solar Awning production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Solar Awning 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 Xponent Power, Lippert, SunModo, Lumos Solar, Onyx Solar, Mitjavila, ertex solar, AGC, Kaneka, Metsolar, 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 Solar Awning 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 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Solar Awning Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Solar Awning Market, Segmentation by Type:

Monocrystalline Silicon PV Type

Polycrystalline Silicon PV Type

Thin Film PV Type

Flexible PV Type

Perovskite PV Type

Global Solar Awning Market, Segmentation by Structure:

Fixed Type

Retractable Type

Folding Canopy Type

Portable Type

Global Solar Awning Market, Segmentation by Power:

Below 1kW

1-3kW

3-5kW

Above 5kW

Global Solar Awning Market, Segmentation by Application:

Residential

Commercial Buildings

Parking Facilities

Public Squares and Parks

Companies Profiled:

Xponent Power

Lippert

SunModo

Lumos Solar

Onyx Solar

Mitjavila

ertex solar

AGC

Kaneka

Metsolar

BIPVco

ISSOL

Solarlux

Sunovation

Soltech Energy

Polysolar

ClearVue Technologies

Apollo Power

Heliatek

Gain Solar

GoodWe BIPV

Hangzhou CDS Solar

Xiamen Mibet New Energy

Xiamen Huge Energy

Xiamen Grace Solar New Energy Technology

Xiamen Solar First Energy Technology

Key Questions Answered:

1. How big is the global Solar Awning market?
2. What is the demand of the global Solar Awning market?
3. What is the year over year growth of the global Solar Awning market?
4. What is the production and production value of the global Solar Awning market?

5. Who are the key producers in the global Solar Awning market?
6. What are the growth factors driving the market demand?

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