

Solar panel industry market share





Overview

How big is the solar panel market?

The solar panel market size was valued at approximately USD 196.5 billion in 2024 and is projected to reach nearly USD 387.2 billion by 2034, registering a CAGR of 8.9% over the forecast period.

What is the global solar PV panels market size?

The global solar PV panels market size was estimated at USD 170.25 billion in 2023 and is projected to reach USD 287.13 billion by 2030, growing at a compound annual growth rate (CAGR) of 7.7% from 2024 to 2030.

What is the global solar power market size?

Our premium consulting services are available for an additional fee is designed to help you gain a competitive edge. The global solar power market size was valued at USD 253.69 billion in 2023 and is projected to be worth USD 273 billion in 2024 and reach USD 436.36 billion by 2032, exhibiting a CAGR of 6% during the forecast period.

How big is the solar panels market in 2022?

The solar panels market is projected to grow from USD 131.37 billion in 2022 to reach USD 282.4 Billion by 2030, exhibiting a compound annual growth rate (CAGR) of ~12.63%. during the forecast period (2024 - 2030). Solar Panels industry size was valued at USD 84.35 billion in 2021.

What is the market share of solar PV panels in 2024?

The on grid segment contributes the 83.5% share of the solar PV panels market in 2024, due to strong government support through various subsidy schemes and falling equipment prices. Many countries around the world are focusing on renewable sources of energy to reduce carbon emissions.

How big is the North America solar panels market in 2021?



North America solar panels market accounted for USD 37.03 billion in 2021 and is expected to exhibit a 43.90% CAGR during the study period due to government efforts to encourage the use of solar energy system and growing environmental concerns.



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Solar Panel Market Size, Share , Industry Trend & Forecast 2031

The Solar Panel Market size is estimated to reach \$650 Billion by 2031, growing at a CAGR of 18.9% during the forecast period 2025-2031.

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Solar Cell Market Size, Share & Growth Report , 2033 ...

Solar Panel Market Size and Share: The global solar panel market size was valued at 303.4 Gigawatt in 2024. Looking forward, IMARC Group estimates ...

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Solar Panel Market Size, Trend, Demand Analysis Till 2034

The solar panel market size was valued at approximately USD 196.5 billion in 2024 and is projected to reach nearly USD 387.2 billion by 2034, registering a CAGR of 8.9% over the ...

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Solar Panel Market Size, Share, Trends, Industry Report 2031

Solar Panel Market size was valued at US\$ 158.4 billion in 2024 and is projected to reach US\$ 235.0 billion by 2031 at a CAGR of 5.8% from 2025-2031. The market refers to the global ...



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Solar Energy Market Size, Industry Analysis, Share, ...

Global solar energy market worth at USD 271.73 Million in 2024, is expected to surpass USD 1090.78 Million by 2034, with a CAGR of 13.6% from 2025 to 2034.

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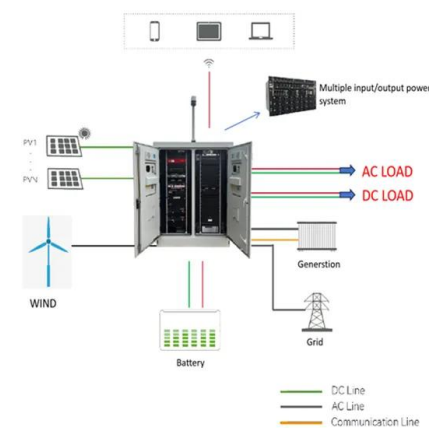


Solar Power Market Size, Share, Trends , Growth Report [2032]

4 days ago · 1. Key Figures The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar

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Solar Panel Cleaning Market , Global Market Analysis Report

Solar Panel Cleaning Market Solar Panel Cleaning Market Size and Share Forecast Outlook 2025 to 2035 The solar panel cleaning market is projected to grow from USD 1,052.3 ...

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Solar PV Panels Market Size, Share, Trends

As per the analysis shared by our research analyst, the global Solar PV (Photovoltaic) Panels market is estimated to grow annually at a CAGR of ...

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Solar PV Panels Market Size to Surpass USD 384.44 ...

In terms of revenue, the global solar PV panels market was valued at USD 184.29 billion in 2024. It is projected to reach USD 384.44 billion by ...

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Solar Panels Market Size, Share, Trends Report 2030 ...

Asia Pacific solar panels market accounts for the fastest growing market share. In APAC, the market for pv solar panels is expected to develop due to rising ...

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Solar PV Panels Market Size, Share & Trends Report, ...

Asia Pacific held the largest market share of over 54.0% in 2023. The North American market is expected to grow at a CAGR of about 7.9% over the ...

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Solar Market Insight Report 2024 Year in Review - SEIA

The market started with a slow first quarter, in line with the typical seasonal pattern of residential solar installations, and the industry was optimistic for recovery in the second half ...

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Solar Panels Market Size, Trends & Forecast, 2025-2032

SOLAR PANELS MARKET SIZE AND SHARE ANALYSIS - GROWTH TRENDS AND FORECASTS (2025-2032) Solar Panels Market, By ...

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Solar PV Panels Market Size to Surpass USD 384.44 ...

The solar PV panels market size reached at USD 184.29 billion in 2024 and is predicted to surpass around USD 384.44 billion by 2034 with a ...

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Solar PV Panels Market Share Analysis Report, 2024 ...

The global solar PV panels market size was exhibited at USD 170.26 billion in 2023 and is projected to hit around USD 360.83 billion by 2033, growing at a ...

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[India PV Module Intelligence Brief , Q4 2024](#)

India Solar Rooftop Map , December 2024 India Solar Rooftop Map is an info-graphic report providing a snapshot of rooftop solar market in ...

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Solar PV Panels Market Size and Opportunities, 2025 ...

Discover market dynamics shaping the industry: Request sample copy. The increasing demand for renewable energy due to growing ...

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Solar Market Insight Report Q3 2025

4 days ago· 1. Key Figures The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar ...

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[Solar Panel Market Size & Share Analysis](#)

Due to the growing number of industries and infrastructural development activities in countries such as China, India, and Japan, as well as their high solar panel manufacturing ...

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Solar PV Panels Market Size, Share, Trends & Forecast 2032

As per the analysis shared by our research analyst, the global Solar PV (Photovoltaic) Panels market is estimated to grow annually at a CAGR of around 7.5% over the forecast period ...

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Solar PV Panels Market Size, Share & Trends Report, 2030

Asia Pacific held the largest market share of over 54.0% in 2023. The North American market is expected to grow at a CAGR of about 7.9% over the forecast period. Based on technology, the ...

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Solar PV Panels Market Size and Opportunities, 2025 ...

Solar PV Panels Market valued at USD 197.44 billion in 2025, is anticipated to reaching USD 334.24 billion by 2032, with a steady annual ...

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Solar PV Panels Market Size and Opportunities, 2025-2032

Discover market dynamics shaping the industry: Request sample copy. The increasing demand for renewable energy due to growing environmental concerns globally is ...

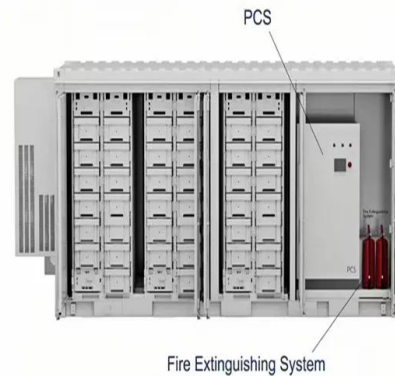
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Solar Panel Market Size, Share, Analysis & Trends, 2033

The global solar panel market size is expected to grow at a CAGR of 15.18% during the forecast period 2025-2033. The market share was valued at USD 171.83 billion in ...

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Solar Industry Research Data - SEIA

Solar energy in the United States is booming. Along with our partners at Wood Mackenzie Power & Renewables, SEIA tracks trends and trajectories in the ...

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Solar Panels Market Size, Share, Trends Report 2030

Asia Pacific solar panels market accounts for the fastest growing market share. In APAC, the market for pv solar panels is expected to develop due to rising environmental concerns, rising ...

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Solar Power Market Size, Share, Trends , Growth Report [2032]

Asia Pacific is expected to dominate the solar power market share during the forecast period, with most of the demand arriving from China. The country is one of the major ...

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[China Solar Energy Market Size, Growth, Forecast](#)

China Solar Energy Market Size & Share Analysis - Growth Trends & Forecasts (2025 - 2030) The China Solar Energy Market Report is ...

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Solar Panel Market Size, Share, Analysis & Trends, 2033

The global solar panel market size is expected to grow at a CAGR of 15.18% during the forecast period 2025-2033. The market share was valued ...

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U.S. Solar PV Market Size, Share & Growth Report, 2030

U.S. Solar PV Market Size & Trends The U.S. solar PV market size was estimated at USD 29.68 billion in 2022 and is projected to grow at a compound annual growth rate (CAGR) of 13.7% ...

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