



# Market size of solar energy

What is the global solar power market size?

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. North America dominated the solar power industry with a market share of 41.30% in 2023.

What is the outlook for the solar power market?

According to Mordor Intelligence(TM) Industry Reports, the solar power market is set for vigorous growth, with statistics highlighting its share, size, and revenue growth rate, alongside a market forecast outlook. Get a sample of this industry analysis as a free report PDF download. Images must be attributed to Mordor Intelligence.

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 expected to grow at a compound annual growth rate (CAGR) of 7.7% from 2024 to 2030.

What was the value of the solar power market in 2023?

Fortune Business Insights says that the global market size was valued at USD 253.69 billion in 2023 and is projected to reach USD 436.36 billion by 2032. What was the value of the Asia Pacific solar power market in 2023? In 2023, the regional market value stood at USD 104.79 billion.

What is the projected growth rate of solar PV market?

Registering a CAGR of 6%, the market is projected to exhibit staggering growth during the forecast period of 2024-2032. Which is the dominating segment in the industry? The solar PV segment is anticipated to hold the leading share in this market during the forecast period. What are the key factors driving the market?

What is the market share of solar PV panels in 2023?

The industrial segment accounted for a dominant share of over 40.0% in solar PV panels sector in 2023 and is projected to grow at a significant CAGR of 7.6% over the forecast period.

The Philippines Solar Energy Market is projected to register a CAGR of greater than 25.20% during the forecast period (2024-2029) Reports. ... The report covers the Philippines Solar Energy Market historical market size for years: 2020, 2021, 2022 and 2023. The report also forecasts the Philippines Solar Energy Market size for years: 2024, 2025 ...

The Canada Solar Energy Market is projected to register a CAGR of greater than 11% during the forecast period (2024-2029) Reports. Aerospace & Defense ... The report covers the Canada Solar Energy Market historical market size for years: 2020, 2021, 2022 and 2023. The report also forecasts the Canada Solar Energy Market size for years: 2024 ...

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**Southeast Asia Solar Energy Market Size & Share Analysis - Growth Trends & Forecasts (2024 - 2029)** The Southeast Asia Solar Energy Market Report is segmented by type (Solar Photovoltaic and Concentrated Solar Power) and geography (Vietnam, Indonesia, the Philippines, Thailand, Malaysia, and the Rest of Southeast Asia). The installed capacity ...

**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% ...

Industry market research reports, statistics, analysis, data, trends and forecasts. What is the market size of the Solar Power industry in the US? IBISWorld's statistic shows that as of 2024 the market size of the Solar Power industry is \$25.5bn an increase of 20.88% from 2023.

The global solar photovoltaic (PV) market size is expected to grow from \$399.44 billion in 2024 to \$2,517.99 billion by 2032 at a CAGR of 25.88%. HOME (current) INDUSTRIES. ... Solar energy is used to convert sunlight into electricity by using photovoltaic effect technology. These PV systems are the most reliable and widely available source of ...

Key updates from the Summer 2024 Quarterly Solar Industry Update presentation, released August 20, 2024:. Global Solar Deployment. About 560 gigawatts direct current (GW dc) of photovoltaic (PV) installations are projected for 2024, up about a third from 2023.; The five leading solar markets in 2023 kept pace or increased PV installation capacity in the first half of ...

Online travel market size worldwide 2017-2028. Brand value of leading global QSR brands 2024. ... Market value of the solar energy market in the United States from 2020 to 2023 (in billion U.S ...

The Australia Solar Power Market is expected to reach 41.64 gigawatt in 2024 and grow at a CAGR of 14.07% to reach 80.41 gigawatt by 2029. AGL Energy Limited, Infigen Energy Ltd., Neoen SA, FirstSolar Inc. and SunPower Corporation are the ...

The United States Solar Energy Market is growing at a CAGR of 16.48% over the next 5 years. 8minutenergy Renewables LLC, M. A. Mortenson Company, SOLV Energy, First Solar Inc., NextEra Energy Inc. are the major companies operating in United States Solar Energy Market. ... 2022 and 2023. The report also forecasts the United States Solar Energy ...

The global solar panel market size reached US\$ 149.18 billion in 2023, growing at a CAGR of 15.18% to reach US\$ 532.24 billion by 2032. ... and rising investments from government organizations to produce high-quality energy using renewable sources like solar energy are likely to promote market growth opportunities in the coming years. Focus on ...

**India Solar Power Market Size 2024-2028** The India solar power market size is forecast to increase by USD



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792.5 billion at a CAGR of 52.07% between 2023 and 2028. In India, the solar power market is experiencing significant growth due to several key drivers. The decline in the cost of solar energy and increasing investments in renewable energy are major factors fueling ...

In terms of revenue, the Solar energy market size was valued at around USD 185 billion in 2021 and is projected to reach USD 300 billion by 2030. Due to various driving factors, the market is predicted to rise at a special rate. Based on technology segmentation, the Photovoltaic Systems segment was estimated to hold the maximum market share in ...

Solar Energy Industry Prospective: The global solar energy market size was worth around USD 90.4 billion in 2022 and is predicted to grow to around USD 215.9 billion by 2030 with a compound annual growth rate (CAGR) of roughly 11.5% between 2023 and 2030.. Request Free Sample. Solar Energy Market: Overview. The term "solar energy" refers to the power derived from solar ...

The Global Solar Energy Market Size is Expected to reach USD 285.89 Billion by 2033, at a CAGR of 11.95% during the forecast period 2023 to 2033.. Solar energy is energy produced by the sun's rays that may be gathered and turned into ...

Global Solar Energy market is predicted to reach approximately USD 376.24 billion by 2032, at a CAGR of 7.36% from 2024 to 2032. +1 812 506 4440 ... To identify and estimate the market size for global Solar Energy market segmented by Technology, By Application, and by region. Also, to understand the consumption/ demand created by consumers ...

The global solar energy market size reached nearly 205.13 GW in 2023. The market is assessed to grow at a CAGR of 7.7% between 2024 and 2032, reaching around 400.22 GW by 2032.

The global renewable energy market size was estimated at USD 1.21 trillion in 2023 and is expected to grow at a CAGR of 17.2% from 2024 to 2030. ... According to the Solar Energy Industries Association, there are over 37 GW of power plants in operation in the U.S. as of 2020, with an additional 112 GW in development. ...

Saudi Arabia Solar Energy Market is poised to grow at a CAGR of 51% by 2028. Increasing efforts to meet power demand using solar energy is likely to drive the industry growth. ... Solar Energy in Saudi Arabia Market Size & Share Analysis - Growth Trends & Forecasts (2024 - 2029)

Solar Energy Market Share, Size, Growth Opportunities, Trends Analysis & Industry Forecast Report, 2022-2029 \$ 4,499.00 - \$ 6,649.00. Licensing Options: Single User PPT Format (\$4499) Multi-User PPT Format (\$5499) Corporate PPT Format (\$6649) Clear: Quantity. Add to cart.

India Solar Energy Market Size (2024 - 2029) The Indian solar energy market is experiencing significant growth, driven by declining technology costs, increased flexibility of solar systems, and the environmental



# Market size of solar energy

benefits of solar power. Supportive government policies, particularly from the Ministry of New and Renewable Energy, further bolster ...

U.S. DEPARTMENT OF ENERGY SOLAR ENERGY TECHNOLOGIES OFFICE | 2024 PEER REVIEW 4  
A Historic Level of U.S. Deployment, totaling 177 GW dc /138 GW ac o The United States installed 26 GW ac (33 GW dc) of PV in 2023--up 46% y/y. 13.2 1.5 3.9 Note: EIA reports values in W ac which is standard for utilities. The solar industry has traditionally ...

[110 Pages] India Solar Energy Market- Industry Size, Share, Trend Analysis, Outlook, Growth, Opportunity and Forecast, 2018-2028, Segmented By Technology (Solar Photovoltaic (PV), Concentrated Solar Power (CSP)); By Solar Module Type; By Application (Residential, Commercial, Others); By Deployment (Rooftop, Ground-Mounted); By Region

Market Size. As of July 2024, Renewable energy sources, including biomass, waste to power and waste to energy, have a combined installed capacity of 150.27 GW. ... The installed solar energy capacity has increased by 26 times in the last 9 years and stands at 73.32 GW as of December 2023. In 2023, India has added 7.5 GW of solar power capacity.

The Solar Energy Market size was valued at USD 197.41 billion in 2023 and is expected to grow to USD 748.99 billion by 2032 and grow at a CAGR of 15.97 % over the forecast period of 2024-2032. The sun is a fantastic renewable resource that has the ability to maintain life on earth and give all of its people access to clean, sustainable energy ...

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