

What is the size of the global solar power market?

The global solar power market size was valued at USD 253.69 billion in 2023. It is projected to reach USD 436.36 billion by 2032, exhibiting a CAGR of 6% during the forecast period.

Does the solar power industry have a strong market share?

The solar power industry shows moderate consolidation, with the top five players commanding significant market share, though numerous smaller players maintain competitive positions in specific market segments or geographical areas.

What is the projected value of the global solar power market by 2032?

The global solar power market size is projected to reach USD 436.36 billion by 2032. Fortune Business Insights says that the global market size was valued at USD 253.69 billion in 2023.

How big is the Asia Pacific solar power market?

The size of the Asia Pacific solar power market was US\$57.80 billion in 2022 and is projected to reach US\$230.79 billion by 2032. The market grew at a CAGR of 7.2% between 2023 and 2032, making it the leading solar power market with a market share of over 30% in 2022.

What is the projected growth rate of the solar industry?

The segment's dominance is expected to continue with a projected growth rate of approximately 26% from 2024 to 2029, driven by increasing investments in large-scale solar projects and favorable government policies supporting utility-scale installations.

How big is the solar power market in 2022?

The solar power market size was US\$170 billion in 2022.

Solar Power in the US Market Size Growth in 2025; 23.2% Subscribe to access. Purchase this report or a membership to unlock our data for this industry. Solar Power in the ...

The Solar Energy Industries Association (SEIA) is leading the transformation to a clean energy economy. SEIA works with its 1,200 member companies and other strategic partners to fight for policies that create jobs in ...

Sector Trends, Risk Mapping, Segment Analysis and Growth Outlook SOLAR POWER MARKET IN INDIA (2020-2030) ... The report on the Solar Power Market in India ...

Solar Energy Market in South Africa Market size is estimated to grow by USD 5457.6 million from 2025 to 2029 at a CAGR of 38% with the lease having the largest market size. ... Year-over-year growth 2024-2029 (%) 9.5 Market ...

Solar Power Market Growth Factors. Solar energy is the radiant energy emitted from the sun, which is exercised by using numerous technologies similar as photovoltaic cells, solar heating, and others. It's an effective form of ...

The utility-scale segment is experiencing rapid growth in the Australia solar power market, driven by significant capacity additions and ambitious project pipelines. As of 2024, approximately 6.07 GW of solar power capacity worth AUD 9.53 ...

Concentrated Solar Power (CSP) Market Growth Factors. Growing Adoption of Renewable Sources for Power Generation to Boost the Market. The growing demand for never-ending energy sources and the need to control ...

The Solar Energy Market size in terms of installed base is expected to grow from 2.81 thousand gigawatt in 2025 to 11.19 thousand gigawatt by 2030, at a CAGR of 31.85% during the ...

Solar Energy Statistics stated that the smart solar power market is expected to grow to about \$36.25 billion by 2031, with a compound annual growth rate (CAGR) of 13.6%.

Expert industry market research on the Solar Power in the US (2015-2030). Make better business decisions, faster with IBISWorld's industry market research reports, statistics, analysis, data, ...

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 ...

Hence, technological advancements in manufacturing PV cells will likely lead to mass-scale production, offering growth opportunities. US Solar Energy Market Trends Solar Photovoltaic (PV) Expected to Dominate the Market. Solar ...

Solar Power Market in India Market size is estimated to grow by USD 754 billion from 2025 to 2029 at a CAGR of 42.4% with the lease having the largest market size. ... Year-over-year growth 2024-2029 (%) 9.5 Market opportunity by End ...

*India was ranked fourth in wind power capacity and solar power capacity, and fourth in renewable energy installed capacity, as of 2023. * India surpasses the global average in setting and reducing carbon emission targets, ...

The global solar energy market size reached nearly 205.13 GW in 2024. The market is assessed to grow at a CAGR of 7.7% between 2025 and 2034, reaching around 400.22 GW by 2034. ...

This growth is also driven by declining costs of PV module production, making solar installations more affordable across different markets. Progress in solar cell efficiency continues to increase the performance of ...

The France Solar Energy Market is expected to reach 26.23 gigawatt in 2025 and grow at a CAGR of 14.24% to reach 51.04 gigawatt by 2030. Engie SA, EDF Renewables, Albioma SA, TotalEnergies SE and Meeco AG are the major ...

SolarPower Europe's annual award-winning Global Market Outlook for Solar Power is the most authoritative market analysis report for the global solar power sector.. With comprehensive ...

Global Solar Energy Market is projected to witness a CAGR of 7.48% during the forecast period 2024-2032, growing from USD 222.84 billion in 2024 to USD 396.70 billion in 2032. The ...

The UK Solar Power Market is expected to reach 22.88 gigawatt in 2025 and grow at a CAGR of 23.45% to reach 65.59 gigawatt by 2030. Electricite de France SA, Lightsource BP Renewable Energy Investments Limited, Hive Energy, ...

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