

# Solar power market forecast



## Overview

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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. Solar experienced the fastest growth among all power generation technologies in terms of electricity output, three times as much as wind power, which was ranked second. It took nearly 70 years to reach the first. Even so, Goldman Sachs Research expects rapid growth in the sector, with global solar installations set to rise to 914 Gigawatts (Gw) in 2030, 57% above 2024 levels. 25 Terawatt by 2031, at a CAGR of 19.91% during the forecast period (2026-2031). This Solar Energy market size expansion is anchored in utility-scale photovoltaic projects that now match or. Preview the depth and quality of our market insights.

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### ESS



### Renewable electricity - Renewables 2025 - Analysis

Globally, renewable power capacity is projected to increase almost 4 600 GW between 2025 and 2030 - double the deployment of the previous five years (2019-2024). Growth in utility-scale and distributed ...

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### Solar Power Market Size to Hit USD 522.71 Billion by 2035

The global solar power market size was calculated at USD 286.15 billion in 2025 and is projected to hit around USD 522.71 billion by 2035 with a solid CAGR of 6.21%.



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### Solar Power Market Growth Forecast & Market Dynamics [2024-2034]

The Solar Power Market size is expected to reach USD 692.4 billion in 2033 registering a CAGR of 9.7. This Solar Power Market report covers market demand, segmentation, share, ...

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## Global Market Outlook for Solar 2024-2028

The Global Solar Council supported this year's report published by SolarPower Europe by providing a comprehensive focus chapter on China's market as well as a dedicated chapter on our policy ...

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## Solar Power Market Outlook (2025-2035): Trends, Innovations, and ...

Discover comprehensive insights into the global solar power market, including photovoltaic and thermal technologies, key players, pricing trends, sustainability impact, and market ...

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## Global Market Outlook for Solar Power 2025-2029

With China implementing major changes to its solar market design this year, a temporary dip in global growth in 2026 appears very likely. Meanwhile, other regions are falling behind, ...

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



The Solar Energy Market size in terms of installed base is expected to grow from 2.92 Terawatt in 2026 to 7.25 Terawatt by 2031, at a CAGR of 19.91% during the forecast period (2026 ...

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## Solar Power Market Size, Share and Forecast 2032

According to the report published by Zion Market Research, the global Solar Power Market size was valued at USD 253.06 Billion in 2023 and is predicted to reach USD 431.19 Billion by the end of ...

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## The Outlook for Global Solar Energy Continues to Be Bright

Policymakers in some of the world's largest economies are reducing support for solar power generation. Even so, Goldman Sachs Research expects rapid growth in the sector, with global ...

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## Solar Energy Market Size, Forecast, Share & Report Analysis 2031

The Solar Energy Market size in terms of

installed base is expected to grow from 2.92 Terawatt in 2026 to 7.25 Terawatt by 2031, at a CAGR of 19.91% during the forecast period (2026 ...

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

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 ...

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