

Solar power installed in gigawatts





Overview

How much solar capacity did the world add in 2025?

In the first six months of 2025, the world added 380 GW of new solar capacity — 64% higher than during the same period in 2024, when 232 GW were installed. In 2024, it took until September for global solar capacity additions to surpass 350 GW, while in 2025, the milestone was reached in June.

Are global solar installations on track for another record year?

Global solar installations are on track for another record year. In the first six months of 2025, the world added 380 GW of new solar capacity — 64% higher than during the same period in 2024, when 232 GW were installed.

Are global solar installations breaking records again in 2025?

Global solar installations are breaking records again in 2025. In H1 2025, the world added 380 gigawatts (GW) of new solar capacity – a staggering 64% jump compared to the same period in 2024, when 232 GW came online. China was responsible for installing a massive 256 GW of that solar capacity.

How much solar power did China install in H1 2025?

In H1 2025, the world added 380 gigawatts (GW) of new solar capacity – a staggering 64% jump compared to the same period in 2024, when 232 GW came online. China was responsible for installing a massive 256 GW of that solar capacity. For context, it took until September last year to pass the 350 GW mark.



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China's Solar Capacity Installations Grew Rapidly in 2024

Apr 23, 2025 · Support CleanTechnica's work through a Substack subscription or on Stripe. Utility-scale solar power capacity in China reached more than 880 gigawatts (GW) in 2024, ...

China's Renewable Surge: Solar and Wind Set ...

Jul 14, 2025 · China is setting unprecedented records in solar and wind energy installations, achieving monumental growth in May 2025. During ...

Existing capacity of solar PV worldwide by select country

Nov 28, 2025 · China's cumulative solar photovoltaic capacity reached 885.68 gigawatts at the end of 2024. In the last few years, solar power has become an increasingly important energy ...

Global Solar Installations Up 64 Percent So ...

Sep 3, 2025 · Even as the U.S. guts support for renewable power, the world is still pushing ahead on the shift to solar energy, with installations up 64 ...

China's solar capacity installations grew rapidly in 2024

Apr 22, 2025 · Note: NEA considers utility-scale solar to include projects of at least six megawatts of installed alternating current capacity. Utility-scale solar power capacity in China reached ...

Installed solar energy capacity

Jul 18, 2025 · Total solar (on- and off-grid) electricity installed capacity, measured in gigawatts. This includes solar photovoltaic and concentrated solar power.

China breaks solar installation record in a big ...

Jun 23, 2025 · China has recently achieved a remarkable milestone in solar energy, setting a new record for solar power capacity installation. In May, ...

H1 2025: China installs more solar than rest of the world ...

Sep 3, 2025 · Global solar installations are breaking records again in 2025. In H1 2025, the world added 380 gigawatts (GW) of new solar capacity - a staggering 64% jump compared to the ...

Global Solar Installations Up 64 Percent So Far This Year

Sep 3, 2025 · Even as the U.S. guts support for renewable power, the world is still pushing ahead on the shift to solar energy, with installations up 64 percent in the first half of this year. Solar is ...

China breaks solar installation record in a big way

Jun 23, 2025 · China has recently achieved a remarkable milestone in solar energy, setting a



new record for solar power capacity installation. In May, the nation added an astounding 93 ...

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H1 2025: China installs more solar than rest of ...

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China Smashes Solar Installation Record

Jun 23, 2025 · With 93 gigawatts (GW) of solar capacity installed in May, China smashed its own record of 71 GW in December 2024, per data ...

China Smashes Solar Installation Record

Jun 23, 2025 · With 93 gigawatts (GW) of solar capacity installed in May, China smashed its own record of 71 GW in December 2024, per data from the National Energy Administration cited by ...

China's Renewable Surge: Solar and Wind Set Records

Jul 14, 2025 · China is setting unprecedented records in solar and wind energy installations, achieving monumental growth in May 2025. During this month, the country added 93 gigawatts ...

Global solar installations surge 64% in first half of 2025

Sep 2, 2025 · World installed 380 GW of new solar capacity in first six months of 2025 Global solar installations are on track for another record year. In the first six months of 2025, the world ...

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