

Austria s solar photovoltaic panel industry





Overview

Will the solar PV market grow in Austria in 2021?

The solar PV segment is likely to witness considerable growth in the Austrian solar energy market during 2021. The total renewable energy generation in Austria reached 13.3 TWh in 2021, and the total installed capacity of renewables was 22,014 MW in the same year.

Does Austria generate solar power?

Austria generates significant solar power, with an installed capacity of around 2.6 GW in 2021. The government is concerned about climatic change and rising air pollution and has a roadmap to increase the share of renewable energy, such as solar, in its energy mix during the study period.

How many solar panels does Austria need?

With more than 3,500 MW thermal the country ranks second in the EU, only behind much larger Germany. Austria aims to achieve a 100% renewable electricity production by 2030 with 1,000,000 homes having solar panels fitted by that date. 11 TWh of extra photovoltaics will be needed above 2021 levels.

How many solar panels will Austria install by 2030?

According to Austria's National Energy and Climate Plan (NECP), the Austrian government is committed to installing 1 million PV systems by 2030. This is a substantial increase from the target of 100,000 roof-mounted PV systems under Mission 2030. Thus, this factor is expected to create ample opportunities for the solar market.

Who manufactures photovoltaic modules in Austria?

Currently 4 manufacturers of PV Modules are operational in Austria: Kioto Photovoltaics GmbH, Energetica-Photovoltaic industries, DAS Energy Ltd. as well as Ertex-Solartechnik GmbH; Sunplugged, as a start-up, develops flexible photovoltaic modules for integration into building envelopes, devices and



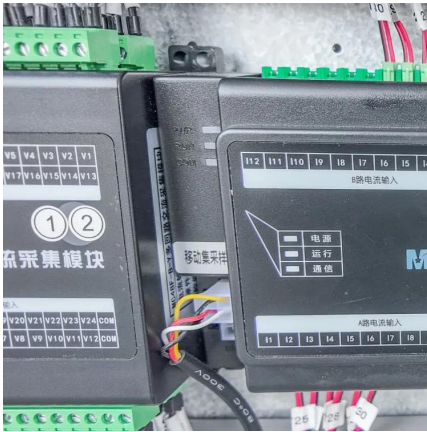
vehicles.

How will Austria's new energy policy affect solar thermal technology?

Austria's new energy policy includes restricting the use of natural gas for heating in new buildings from 2025 onward and phasing out all oil- and coal-fired heating systems by 2035. This factor is likely to increase the use of solar thermal technologies in the coming years.



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[Austria Solar Market Charting Growth Trajectories: Analysis and](#)

Austria's solar market is experiencing robust growth, driven by ambitious renewable energy targets and supportive government policies. Several key trends are shaping its trajectory:

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