



Ground-mounted solar PV and onshore wind energy are the most cost-effective technologies among all types of new power plants in Germany, with levelised cost of electricity (LCOE) ranging from EUR 41 (USD 44.75) to EUR 92 per MWh, according to a study by research institute Fraunhofer ISE.



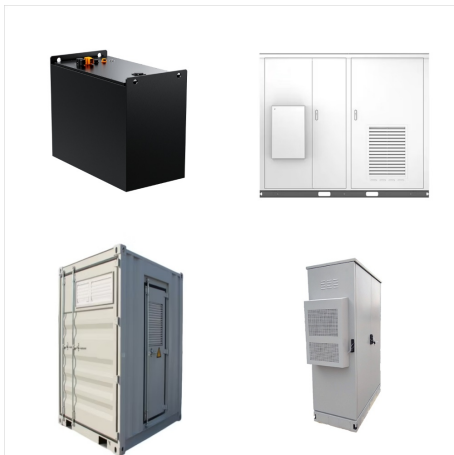
Tax barriers a?? Remove tax barriers for new PV expansion and change the classification of ground-mounted solar. PV production a?? Reestablish PV production in Germany through tax incentives, R& D subsidies, and hybrid capital



TONS CO2 EMISSIONS SAVING 0 MWP
MOUNTING STRUCTURES 0 POWER PLANTS 0
Different countries all over the World 0 We are
ZIMMERMANN a?? the PV-Steel Group The
ZIMMERMANN PV-Steel Group includes the
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divisions. Cooperation between the various
business segments fosters innovative ideas and a?



More and more companies are tapping into the market and competing for the limited resources, ground-mounted PV installations and systems. Domestic and foreign investors, energy producers and energy-intensive companies should therefore set the right course now, analyse their own portfolio and examine strategic investments.



For onshore wind farms and ground-mounted photovoltaic systems, the agency set ceiling prices of a?10.0735/kWh and a?10.0737/kWh, respectively. It set the ceiling price for rooftop PV at a?10.1050



With the Solar Package I, Germany aims to triple the annual expansion of photovoltaic (PV) plants in Germany in order to achieve its annual expansion target of 22 GW by 2026. This is a brief overview of the relevant changes to the German Renewable Energies Act (Erneuerbare-Energien-Gesetz a?? EEG).



Researchers in Germany have stated that agrivoltaic projects are still considerably more expensive than ground-mounted PV plants. They found the agrivoltaic developers may incur higher costs



A group of researchers have investigated the influence of the regulatory framework on supporting the expansion of ground-mounted PV plants close to transport routes as railways, highway and



4. the tender volumes for special ground-mounted PV plants (agricultural PV, moorland PV, car park PV and floating PV) will successively be increased to 2,075 MW/year (the proposal of the ministry provided for 3,000 MW/year) whilst tender volumes for regular ground-mounted PV shall be decreased accordingly. In the event that the tender volumes



The latest public numbers allow us to draw a first review of the 2023 PV market trends in Germany. As it became clear toward the end of Q3-2023, Germany surpassed its target of 9 GW newly installed PV capacity in a?|



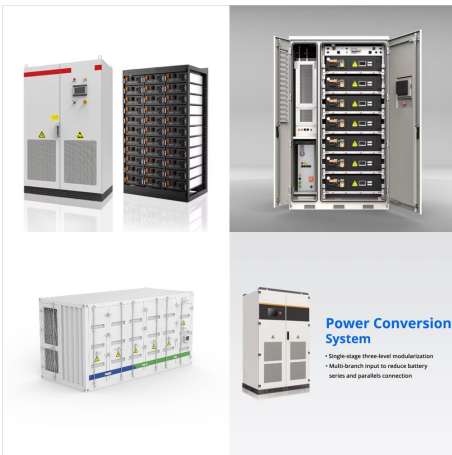
The levelized cost of energy (LCOE) of solar PV in Germany currently ranges from a?!0.041 (\$0.049)/kWh to a?!0.144/kWh, according to a new report from the Fraunhofer Institute for Solar Energy



, Germany's Renewable Energy Sources Act has promoted the erection of ground-mounted photovoltaic (PV) plants next to transport routes (railways, federal roads and federal highways) as these areas are considered to be socially, economically and a?|



In Germany, the average size of ground-mounted PV plants is 1.4 MW p e a k, based on plants built in 2019 and 2020 (BNetzA, 2021). In 2017, the share of ground-mounted PV plants in Germany was 28% of the overall installed PV fleet and was expected to be rising due to their higher cost-efficiency compared to rooftop PV (Kelm et al., 2019 p. 13).



28 realized FiT and PPA projects in Germany. 7 offices active in project realization in Munich, Leipzig, Hamburg, Berlin, Braunschweig, Mainz and Freiburg. More than 1.2 GWp PV capacity realized in those countries highlighted in green.



Ground-mounted PV Auction Ordinance (PV-Freiflachenverordnung), which is a supplement to §55 of the EEG 2014. Auction schemes for other technologies (wind onshore, wind offshore, large rooftop-mounted PV) are currently in the making and should start by 2017 at the latest, according to §2 (5) of the EEG 2014 Objectives



For this purpose, Section 37 (1a) EEG provides for a catalog of five minimum criteria from which plant operators must meet at least three: Criterion 1: Limitation of the covered area of the ground-mounted PV plant to a maximum of 60% of the entire project area; Criterion 2: Implementation of biodiversity-promoting maintenance concepts



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Minimum criteria for ground-mounted PV systems; With immediate effect, all ground-mounted PV systems must fulfil minimum nature conservation criteria in order to receive an EEG allowance. Operators can choose from a catalogue of five minimum criteria and must guarantee to fulfil at least three of these criteria as part of the tendering process.



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