

SolarTech Power Solutions

EU Telecommunication Base Station Inverter Requirements



Overview

Are European inverter manufacturers able to capture 20% of the market?

It is estimated that EU inverter manufacturers are only able to capture 20% of the market currently. Right now, European inverters have a critical opportunity to further tap into the technological advancements needed for the electrification and digitalisation of the energy system.

Are European inverter manufacturers facing competition?

However, European inverter manufacturers are facing pressure and growing competition. While some EU inverter companies keep growing and announcing reinvestment plans, their relative market share in Europe is shrinking. It is estimated that EU inverter manufacturers are only able to capture 20% of the market currently.

How many solar inverter jobs are there in Europe in 2023?

In 2023, there was equivalent of 82.1 GW of solar inverter manufacturing capacity in the EU (compared to around 60 GW of solar installed in the same period). The industry employed around 35,000 jobs in the EU in 2023, making it the most significant contributor of solar manufacturing employment in Europe.

How does the 2024 electricity market design reform impact Europe?

Europe is currently facing significant delays in grid development, leading to increasing connection times, and thereby slowing down EU efforts to decarbonise the economy. To address this, the 2024 Electricity market design reform included anticipatory investment in the EU regulatory framework.

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