

## Distributed photovoltaic bracket ranking

What raster data is used to calculate photovoltaic power potential (pvout)?

The primary input is a global raster data layer, representing the long-term average of photovoltaic power potential (PVOUT), calculated by the Solargis approach. We consider a typical large-scale PV power plant.

Which solar installers did a decline in market share?

Despite year-over-year growth in installations, several top installers experienced market share declines due to increased competition. The installers that managed to increase their market shares include SunPower (ranked #5), Bright Planet Solar (ranked #8), Palmetto Solar (ranked #9), and LGCY Power (ranked #10).

How China's photovoltaic industry chain links grew in 2020?

According to the analysis, in 2020, the rapid growth of China's domestic photovoltaic power generation directly led to the great development of China's photovoltaic industry chain links.

Which inverter manufacturer has the highest market share?

Additional key findings from the latest Leaderboard include: Enphasesecured the top spot in the residential inverter manufacturer ranking with a total market share of 48.1%. Tesla, which began manufacturing inverters in Q1 2021, ranked third with a market share of 5.5% - a 1% jump from 2021.

What is the IEA photovoltaic power systems programme?

The IEA Photovoltaic Power Systems Programme (IEA PVPS) is one of the TCPs within the IEA and was established in 1993. The mission of the programme is to "enhance the international collaborative efforts which facilitate the role of photovoltaic solar energy as a cornerstone in the transition to sustainable energy systems."

What is a photovoltaic power output histogram?

Distribution of a photovoltaic power output histogram communicates how much land in the country is available in practical potential Levels 0, 1, and 2, and various PVOUT ranges. It helps to understand what might be the approximate area for PV development available in the best or mod-erate parts of the country.



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