



5 billion photovoltaic inverter leader

How pvbl ranked the top 20 global photovoltaic inverter brands in 2023?

On the first day of the conference, PVBL's annual ranking of the Top 20 Global Photovoltaic Inverter Brands was announced. Preferential policies promoted the inverter market growth in 2023. Most of the major inverter companies won a large amount of orders and expanded their capacity with high shipment volume.

Which inverter vendors dominated the global photovoltaic market in 2022?

Huawei and Sungrow remained market leaders in 2022, as they have done since 2015, while AISWEI and SOFAR entered the top 10 ranking. The top 10 global photovoltaic (PV) inverter vendors accounted for 86% of the market - an increase of 4% year-over-year, whereas the top 3 players captured 60% of the market share for shipments in 2022.

How did the PV inverter market perform in 2022?

Overall, global PV inverter shipments saw 48% growth year-over-year in 2022, with an additional 100 GW shipped from 2021. In 2022, the PV inverter industry saw a renewed increase in shipments as the pandemic-related semiconductor chip shortage improved. Huawei and Sungrow covered 52% of the market cumulatively - an increase from 44% in 2021.

Where did PV inverter shipments grow in 2022?

Strong growth in the PV markets in Europe, Asia Pacific and the United States drove the 333 gigawatts alternating current (GWac) of inverter shipments in 2022. Government support has increased across these regions in a bid to meet clean energy goals. Europe held 28% of the global market for PV inverter shipments in 2022.

What is a photovoltaic inverter?

A photovoltaic inverter, referred to as a solar inverter, is an essential device in a solar energy system. It converts DC (direct current) power generated by solar panels into AC (alternating current) power, which is compatible with standard electrical systems used across homes, businesses, and industries.

What is string PV inverter market?

String PV inverter market dominated around USD 13.9 billion revenue in 2022. String inverters, which process the DC electricity from multiple solar panels in a string have been competing in the market. It offers advantages in terms of flexibility and shading tolerance, while central inverters may be more cost-effective for larger installations.

On-grid solar PV market size is projected reach USD 68.9 billion by 2032, owing to features including advanced monitoring, remote control, and grid balancing capabilities. Ongoing research and development efforts focusing on improving ...



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Global solar PV manufacturing capacity has increasingly moved from Europe, Japan and the United States to China over the last decade. China has invested over USD 50 billion in new PV supply capacity - ten times more than Europe ...

The market size of PV inverter recorded USD 13.32 billion in 2023 and is set to reach USD 24.17 billion by 2032, due to rising demand for clean and sustainable energy sources along with the growing concerns regarding harmful GHG ...

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