



China Global Photovoltaic Inverter

What is the global solar PV inverter market like in 2023?

Global solar PV inverter shipments grew by 56% in 2023 to 536 GWac, with China accounting for half of all shipments as the country's solar demand doubled in 2023, according to the latest analysis by Wood Mackenzie. The top 10 PV inverter vendors, led by Chinese giants Huawei and Sungrow, controlled 81% of the global market.

What is the global PV inverter market share?

Global PV inverter shipments grew by 56% to 536 gigawatts alternating current (GWac) in 2023, reflecting a strong year for the broader solar industry. The top 10 global PV inverter vendors accounted for 81% of the market, according to Wood Mackenzie's 'Global solar inverter and module-level power electronics market share 2024' report.

How did global PV inverter shipments grow in 2023?

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Where are solar PV inverter shipments coming from in 2021?

In terms of geographic reach, Asia Pacific consumed over half or 116,064 MWac of the global solar PV inverter shipments in 2021. Shipments to China, India and Australia accounted for the increase in demand, with Huawei and Sungrow maintaining its dominance in the region. Europe took up 23% of the global market with 50,770 MWac inverter shipment.

Which inverter vendors are based in China?

Ginlong Solis secured the third spot for the second consecutive year, while Sineng saw a significant leap to fourth place, driven by a 133% increase in shipments. Notably, nine of the top 10 inverter vendors are based in China, reflecting the country's strategic investments in solar energy to meet both domestic and international demand.

How did solar inverter market share grow in 2021?

Global top 10 solar photovoltaic (PV) inverter vendors shored up 82% of market share in 2021, increasing by 2 percentage points compared to 2020, says Wood Mackenzie, a Verisk business (Nasdaq:VRSK). Global PV inverter shipments grew 22% or 40,250 MWac (mega-watt, alternating current) to 225,386 MWac in 2021 compared to 2020.

States and China. The global PV inverter shipment is expected to be 66.0GW in 2016 and over 90GW in 2020. China is a major PV inverter market in the world. In 2015, its PV inverter ...



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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 ...

2024 Top 20 Global Photovoltaic Inverter Brands Revealed by PVBL. PVTIME - Renewable energy capacity additions reached a significant milestone in 2023, with an increase of almost 50% to nearly 510GW, mainly ...

SolarEdge Technologies Ltd. is an Israel-based, global leader in smart energy technology. The company provides end-to-end distributed solar power optimization and PV system monitoring ...

In 2022, China's PV inverter shipments grew by 84.97% year-on-year to 131.7 GW. In the future, global PV inverter shipments are expected to continue growing rapidly, with S& P Global predicting that global PV inverter ...

The top five vendors - Huawei, Sungrow, Ginlong Solis, Growatt, and GoodWe - shipped more than 200 GWac and accounted for 71% of total global PV inverter shipments in 2022, growing 8% from 2021. Huawei's ...

The global PV inverter market is expected to grow at a CAGR of 13.54% during 2022 to 2028. In 2020, Sungrow Power Supply (Sungrow) surpassed Huawei to become the no.1 industry-leading player in the global PV inverter market (24% ...

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PV inverter manufacturer and Solar On-grid, Grid-tie inverter suppliers in China. Company founded in 2007 with registered capital 205 million RMB(Over 30 million USD), is one of the ...

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The products are widely used in wind power, photovoltaic, energy storage, rail transit, electric vehicles and other fields. By the end of 2021, the cumulative global installed ...

Not only did it move into inverters, it did so by choosing a then niche category of series (string) inverters for special focus, besides central inverters. By 2015, Huawei was ranked no. 1 in the global photovoltaic ...



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