



Huawei is the world's number one photovoltaic inverter

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.

Which PV inverter vendors' shipments grew the most in 2022?

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 shipments saw a significant increase of 83% in 2022 compared to 2021, while Sungrow's shipments expanded 56% in the same period.

How long does a Huawei PV inverter account last?

The account requires an annual contract and will renew after one year to the regular list price. In 2022, Huawei had the largest PV inverter market shipments worldwide, accounting for some 29 percent of the market.

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.

Which solar inverter company has the most market share in 2021?

Huawei's market share stayed at a stable 23% in 2021 while Sungrow ranked a close second at about 21% growing from approximately 19% in 2020. Second runner-up Growatt accounted for 7% of market share, replacing SMA which slid down to sixth position. Together, the top three vendors control over half of the world's solar PV inverter market.

How did PVBL rank 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.

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 ...



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Statistics show that the value of export of inverters made in China in May was USD \$228.6 million (including photovoltaic inverter, off-grid solar energy inverter, vehicle ...

↑1.85%↑; Huawei's smart string inverter SUN5000 series combines inverters and optimizers for a 30% higher yield and 30% more installation area. The system offers AFCI intelligent arc protection, RSD rapid shutdown, and ...

Sungrow and Huawei tied for first place in the list with outstanding performance. Sungrow achieved revenue of 27.65 billion yuan in 2023, up 61% year on year, and net profit of 9.4 billion yuan, with shipments ...

HUAWEI SUN2000-330KTL-H1 - Transformerless 3-phase photovoltaic inverter with 300 kW nominal power and 6 MPP trackers and up to 28 inputs. Max. Efficiency of 99.0%, max. voltage 1500 Vdc for 800 Vac.F

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 ...

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PV inverter or solar inverter refers to a converter that can convert variable DC voltage generated by photovoltaic solar panels into AC power at mains ... Huawei is the world's largest manufacturer of photovoltaic inverters in terms of ...

Huawei held the number 1 position for market share with an increase in shipments from 23% in 2021, to 29% in 2022. Sungrow ranked second with 23% in 2022, growing from 21% in 2021. Ginlong Solis jumped ...

Huawei SUN2000-330KTL-H1 330kVA High voltage three-phase string photovoltaic inverter with the maximum input voltage of 1500V and 6 MMPT inputs, 330,000W nominal power, max ...

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 ...

Compatible with all mainstream PV modules (166/182/210), allowing "module replacement without inverter replacement". This reduces the complexity and cost of procurement, spare parts, and ...

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In PV safety accidents that occur globally, electrical fires occur most frequently and result in the greatest losses. For example, in Netherlands, in the residential PV field, 23 accidents involving ...



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