

SolarTech Power Solutions

Grid-connected inverter shipments

APPLICATION SCENARIOS



Overview

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.

What is the global PV inverter market share in 2022?

In terms of market concentration, the top 5 vendors (Huawei, Sungrow, Ginlong, Growatt, and GoodWe) shipped over 200 gigawatts (GW) of inverters, accounting for 71% of the total global PV inverter shipments in 2022 – a year-over-year growth of 8%. The market share for vendors in positions 11-20 shrank to 13% in 2022 compared to 16% in 2021.

Which inverter manufacturers dominate the global utility-scale inverters market?

Huawei and Sungrow alone captured over 50% of the global share, thanks largely to their popular utility-scale inverters, reports the market analyst. The rest of the market saw a diversification with 11 other manufacturers exceeding 10 GWac in shipments.

What percentage of solar inverters are shipped to China?

Over three-quarters (78%) of inverters shipped to the region were directed to China. The US held 13% of the global market in 2022 with 42 GWac of inverter shipments. PV-storage hybrid inverters made up 10% of the country’s shipments as it continues to integrate solar power into the grid.

What is the global PV inverter & module-level power electronics market share 2023?

Our latest ‘Global Solar PV Inverter and Module-Level Power Electronics Market

Share 2023' report reveals a buoyant market in 2023, with 48% year-over-year growth in global PV inverter shipments.

Why did inverter shipments increase in 2022?

In terms of inverter shipments, strong growth in Europe, Asia Pacific, and the United States where government support bolstered to meet clean energy goals led to a total of 333 GWac of global shipments in 2022. The industry saw this renewed increase in shipments as the pandemic-related chip shortage and other supply chain challenges eased in 2022.

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