

PV inverter power shipments

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?

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.

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.

Who makes the most solar PV inverter shipments in 2023?

Huawei and Sungrow accounted for more than half of all global PV inverter shipments in 2023. Image: Sungrow Shipments of solar PV inverters grew 56% year-on-year between 2022 to 2023 to reach 536GW, according to research and consulting firm Wood Mackenzie.

Which PV inverter vendors shipped the most GWAC in 2022?

Wood Mackenzie noted that the top five vendors shipped more than 200 GWac and accounted for 71% of total global PV inverter shipments in 2022, up 8% from 2021. The report notes that 2022 top vendor Huawei shipment increased 83%. Ginlong Solis posted growth of 86%. For the eighth consecutive year, the top two vendors were Huawei and Sungrow.

How many solar inverters were shipped in 2022?

As a result, the total global shipments of PV inverters reached 333 GWac in 2022. Among the top five vendors, Huawei, Sungrow, Ginlong Solis, Growatt, and GoodWe, more than 200 GWac was shipped, accounting for 71% of the total global PV inverter shipments in 2022. This represents an 8% increase compared to the previous year.

After a challenging 2024, marked by high inventory levels and declining residential demand, the inverter market is set to recover in 2025. Global inverter shipments are expected to increase 7% to ...

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In 2015, the global PV inverter shipment hit 56.0GW, a year-on-year surge of 44.7%, mainly thanks to rapidly growing demand in the United States and China. ... SMA's PV inverters have a wide power range from 700W to 1,120MW. In 2015, its PV inverter shipment amounted to 7.3GW, representing a 43.7% increase over the same period of last year.

This report provides rankings of the top PV inverter manufacturers based on MWs shipped, which are broken down globally, regionally, by product type and by major market. The report also covers global and regional year-on-year market growth, highlighting the countries with the largest inverter markets in 2023.

Global PV inverter shipments grew 22% or 40,250 MWac (mega-watt, alternating current) to 225,386 MWac in 2021 compared to 2020. ... but some of their successors have gained more market share relative to their 2017 shipments. Our Power & Renewables reports and data provide deep insight into the current and future state of electricity generation.

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 ...

In its "Global solar inverter and module-level power electronics market share 2024" report, Wood Mackenzie highlights that more than half of the global shipments went to China, as the...

After a steep decline in inverter shipments in Q4 2023, Solaredge has started the first quarter of 2024 with an increase to 946MW. ... Unlimited digital access to the PV Tech Power journal ...

In 2020, total PV inverter shipments totaled 41.7 GW. Longi reported this week its revenue grew by 48% to CNY 80.9 billion (US\$12.4 billion) in 2021. Its profit, however, declined by 6.2% to CNY 9 ...

phase string and three-phase central PV inverters throughout the forecast period with just under half of global three-phase low power (≤ 500 KW) PV inverter shipments expected to be rated at 1500 V or higher and 75% of three-phase higher power (> 501 kW) PV inverter shipments expected to be rated to 1500 V or higher. 0 5,000 10,000 15,000 20,000 ...

S&P Commodity Insights estimates that Sungrow was ranked the number one PV inverter supplier globally in shipment terms in 2022 with 77GWac of PV inverters shipped.. Sungrow's commitment to driving innovation and product advancement has propelled its success over the past years. With six R&D centers in Hefei, Shanghai, Nanjing, Shenzhen, Germany, ...

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HEFEI, July 11, 2024 - Sungrow, the global leading PV inverter and energy storage system provider, secured the top spot in the 2023 global PV inverter shipment rankings according to ...

On the back of a strong year for the solar industry, global photovoltaic (PV) inverter shipments jumped by 56% to 536 GW AC in 2023, with China accounting for more than half of that, according to a report by Wood Mackenzie.

Company News; Industry News; Product News; 2023 Global inverter shipments and trend forecast. solar inverter shipments:. As the core equipment of the solar power generation system, the industry development of solar inverters is consistent with the development trend of the global solar industry and has maintained rapid growth in recent years.

Global PV inverter shipments grew 22% or 40,250 MWac to 225,386 MWac in 2021 compared to 2020. This is mainly driven by strong growth in markets in Europe, India, and Latin America where government support ...

This marked a significant 48% year-over-year growth for PV inverters. Europe, Asia Pacific, and the United States were the driving forces behind this surge, as government support and clean energy goals propelled the adoption of solar power. As a result, the total global shipments of PV inverters reached 333 GWac in 2022.

With a rapid rise in demand from downstream sectors, the global shipments of PV inverters was estimated to be 105GW in 2017, an upsurge of 55.6% on an annual basis; and the world market size of PV inverters reported USD10.1 billion. ... PV Inverter Shipment of Guangdong East Power, 2012-2017 PV Inverter Output and Capacity of Guangdong East ...

Global solar photovoltaic (PV) inverter shipments reached a record high in 2022, surpassing 330 gigawatts (GWac), according to a recent analysis by Wood Mackenzie. The ...

Three-phase PV inverter shipments by voltage ... 1500V portfolio of 12 largest PV inverter suppliers Supplier Low power (≤ 200 kW) High power (> 200 kW) ABB 9 9 Fimer 9 9 GE 9 Huawei 9 Kstar 8 9 Power Electronics 8 9 Schneider Electric 9 9 Sungrow 9 9 Sineng 8 9 SMA 9 9 TBEA 8 9 TMEIC 9

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% ...

Shipments of solar photovoltaic (PV) inverters and optimizers were estimated to reach 113,000 megawatts alternating current worldwide in 2020. Central solution and residential/commercial...

TW Solar (Tongwei Solar): After securing the fifth position in PV module shipments in 2023, TW Solar continues to expand its market presence. With a focus on enhancing distribution and brand advantages, TW



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Solar aims to surpass a yearly shipment target of 50 GW in 2024. ... leading in density by 1.5%-3% and power by 10-15W compared to industry ...

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Sungrow, with 47.1 GWac inverter shipments, becomes the No.1 PV inverter supplier globally. Despite Covid-19 and 2021's unstable supply chain, Sungrow, the global inverter solution supplier for renewables, continued to invest in R& D and update its product portfolio by launching the SG350HX string inverter, 1+X modular inverter, Liquid-Cooled ...

This new annual report provides insight into the global and regional PV inverter markets, presenting a detailed breakdown of 2023... [Read More & Buy Now.](#) ... [Power & Renewables.](#) ... presenting a detailed breakdown of 2023 shipments by product type and providing an early look at Wood Mackenzie's 2024 inverter shipment forecast. Because of the ...

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 ...

Spanish solar inverter manufacturing company, Power Electronics, announced that it has been ranked as the leading company in shipments of solar inverters for utility-scale photovoltaic plants in North America and Latin America, according to the Global solar PV tracker market shares and shipment trends 2019 report published by Wood Mackenzie Power & ...

Global inverter shipments increased to 330 GWac with Huawei, Sungrow, Ginlong, Solis, Growatt and GoodWe named as the top vendors. The top 10 global solar inverter vendors accounted for 86% of market share in ...

The inverter manufacturing market is always competitive, but the past year was even more challenging for companies. A Wood Mackenzie report found total revenue for the Top 5 global inverter vendors declined 10% last ...

PV Tech Power. Technical Papers. Market Watch. Cell Processing. PV Modules. ... Sineng Electric has been ranked in fourth position for global inverter shipments for 2023 in the latest S& P Global ...



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