

Global shipments of photovoltaic inverters





Overview

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.

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.

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 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.

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.

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.



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Huawei, Sungrow, Solis, Growatt, and GoodWe secure top

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The Global Photovoltaic Inverter Rankings for 2022

In addition to releasing the global inverter shipment volume rankings, S& P Global has also published rankings for inverter installations and regional market shipments. According to the data provided in the rankings, the ...



2024 Top 20 Global Photovoltaic Inverter Brands ...

On the first day of the conference, PVBL's annual ranking of the Top 20 Global Photovoltaic Inverter Brands was announced. Most of the major inverter companies won a large amount of orders and expanded their capacity ...

PV inverter market share globally by shipments

In 2022, Huawei had the largest PV inverter market shipments worldwide, accounting for some 29 percent of the market. Huawei was followed by Sungrow Power Supply and Ginlong Solis in the



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Global and China Photovoltaic Inverter Industry Report, 2017 ...

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 ...

Global PV inverter shipments grew by 56% in 2023 to 536 GWac

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Lithium battery parameters

Product capacity: 100Ah

Product size: 135*197*35mm

Product weight: 1.82kg 197mm / 7.7in

Product voltage: 3.2V

internal resistance: within 0.5



Sungrow Keeps No.1 in 2022 Global PV Inverter Shipment, ...

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 ranks No. 1 in 2021 global PV inverter shipments ...

International authoritative research institution IHS Markit (now a part of S& P Global) announced the top 10 global PV inverter companies in terms of estimated shipments ...



Global solar PV inverter state of the market 2024

Insights into the global solar PV inverter and MLPE landscape, with regional and country-specific 10-year forecasts for demand and prices. Global PV and MLPE market ...

Global Solar Inverter Shipments Grew By 56%: Wood Mackenzie

According to Wood Mackenzie's "Global Solar Inverter and Module-Level Power Electronics Market Share 2024" report, the top 10 global PV inverter vendors captured 81% of ...



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Solar PV Market Trackers. PV Installations Tracker - Premium - Quarterly updates with tracking and PV installation forecasts for all major and emerging PV markets, including annual and ...



Sungrow Holds the Global No. 1 Position in PV Inverter Shipments ...

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 ...

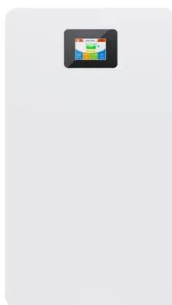


Solis Surpasses 100GW in Cumulative Shipments Globally in First ...

Solis was recently awarded the top residential photovoltaic (PV) string inverter manufacturer globally based on global shipments and continues to lead the way in managing a ...

Top 10 solar PV inverter vendors account for 86% of ...

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 ...



Top 5 solar inverter suppliers accounted for 71% of shipments in ...

Wood Mackenzie said that the top five vendors shipped more than 200 GW (AC) and accounted for 71% of total global PV inverter shipments in 2022, up 8% from 2021. The ...



GTM: Global PV inverter shipments to reach 90GW by 2020

Global shipments of PV inverters will reach 90GW by 2020, valuing at more than US\$7.1 billion, according to GTM Research's latest report, 'The Global PV Inverter and MLPE ...



Global PV inverter shipments increased to more than 330 GWac ...

A new analysis by Wood Mackenzie shows that the top 10 global solar photovoltaic (PV) inverter vendors accounted for 86% of market share in 2022, increasing by 4% year-over-year since ...

Top five solar inverter vendors accounted for 71% of ...

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 ...



Global Solar PV Inverter Market Soars with Top Vendors

Discover the latest insights from Wood Mackenzie's analysis, revealing how the top solar PV inverter vendors dominated with an 86% market share in 2022. Explore global ...

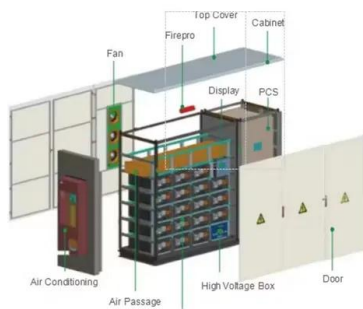


Sungrow Holds the Global No. 1 Position in PV Inverter Shipments ...

Sungrow tops 2023 global PV inverter shipment rankings, driven by increased R&D investments and pioneering 2000V inverters. With six global R&D centers, Sungrow ...

12.8V6Ah

Nominal voltage (V):12.8
 Nominal capacity (ah):6
 Rated energy (Wh):76.8
 Maximum charging voltage (V):14.6
 Maximum charging current (a):6
 Floating charge voltage (V):13.6-13.8
 Maximum continuous discharge current (a):10
 Maximum peak discharge current @10 seconds (a):20
 Maximum load power (W):100
 Discharge cut-off voltage (V):10.8
 Charging temperature (°C):0-+50
 Discharge temperature (°C):-20-+60
 Working humidity: <95% R.H (non condensing)
 Number of cycles (25 °C, 0.5c, 100%dod): >2000
 Cell combination mode: 32700-4s1p
 Terminal specification: T2 (6.3mm)
 Protection grade: IP65
 Overall dimension (mm):90*70*107mm
 Reference weight (kg):0.7
 Certification: un38.3/mds



Global PV Inverter Shipments Surge 56% In 2023, China Leads ...

Global PV inverter shipments grew by 56% to 536 GWac in 2023, with China dominating the market. Huawei and Sungrow retained their top positions, reflecting strong ...

Top five solar inverter vendors accounted for 71% of shipments ...

Wood Mackenzie noted that the top five vendors shipped more than 200 GW and accounted for 71% of total global PV inverter shipments in 2022, up 8% from 2021. The ...



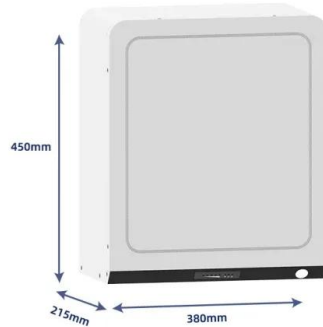
Solar Photovoltaics Supply Chain Review Report

The supply chain for solar PV has two branches in the United States: crystalline silicon (c-Si) and 46% of 2020 global tracker shipments. Globally, in 2020, 66% of PV ...



Top 10 solar PV inverter vendors cornered 86% of the market in ...

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 ...



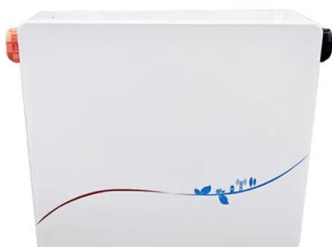
Huawei takes up 40% of global PV inverters shipment in 2021

The Chinese conglomerate and inverter maker shipped 2 GW of storage systems last year. In 2020, total PV inverter shipments totaled 41.7 GW, according to Huawei's smart ...



Global PV inverter market surpassed \$9 billion in 2019 following ...

The PV inverter market achieved record shipments, growing by 19% to 126 GW in 2019 driven by booming shipments in key markets such as United States, Spain, Latin ...



Global solar PV inverter landscape 2024 Report , Wood Mackenzie

This annual report provides insight into the global solar PV inverter and module-level power electronics (MLPE) landscape, Read More & Buy Now A detailed ...



In the global PV inverter shipment 185GW in 2020, ...

The growth in inverter shipments can be attributed in part to the implementation of safe harbor rules and the growth of domestic PV installations. In Latin America, where many pv projects were delayed due to the pandemic ...



2023 Global PV Inverter Shipments Increased By 56% YoY To

The global solar PV inverter shipments in the year 2023 increased strongly by 56% Year-over-Year (YoY) to 536 GW AC, with China accounting for 50% of the volume, ...

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