

Photovoltaic inverter enterprise shipments





Overview

In 2024, global solar PV inverter shipments reached 589 gigawatts alternating current. Since 2018, inverter shipments worldwide have increased by almost 480 gigawatts. Huawei, Sungrow Power Supply, and Ginlong Solis are some of the largest inverter manufacturers worldwide. 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.

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.

Which PV inverter vendors shipped the most in 2022?

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 report notes that for the top vendor of 2022, Huawei, shipments increased by 83%. Ginlong Solis posted growth of 86%.

Which country has the most solar inverter shipments in 2023?



Solar inverter. Author: h080. License: Creative Commons. Attribution-ShareAlike 2.0 Generic 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.

What is the global demand for PV inverters in 2022?

The global PV demand of 201 gigawatt alternating current (GWac) in 2022 contributed to 48% growth year-over-year for PV inverters. 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.



Photovoltaic inverter enterprise shipments



Energy storage inverter (PCS) shipments to reach almost 900GW

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While some PCS suppliers are globally focused, many suppliers focus on a few key markets in FTM. This is due to the requirement to be able to provide timely support via local ...

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

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 ...



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ENERGY STORAGE SYSTEM

Product Model
HJ-ESS-215A(100KW/215KWh)
HJ-ESS-115A(50KW/115KWh)

Dimensions
1600*1280*2200mm
1600*1200*2000mm

Rated Battery Capacity
215KWH/115KWH

Battery Cooling Method
Air Cooled/Liquid Cooled

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

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Leading enterprise of energy storage photovoltaic 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% ...



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Top PV module suppliers by shipment volume in Q1, ...

The company aims to achieve 100 GW annual BC cell capacity within three years. TW Solar (Tongwei Solar): After securing the fifth position ...

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Global Solar Inverter Shipments Grew By 56%: Wood Mackenzie

Solar inverter shipments surged by 56%, reaching 536 Gigawatts (GW) of alternating current (GWac) in 2023, reflecting robust growth in the solar industry, a latest ...

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Global PV inverter shipments grew by 10% in 2024 to 589 GWac

Global PV inverter shipments grew by 10% to 589 gigawatts alternating current (GWac) in 2024. Asia Pacific, led by China, accounted for nearly all global growth, while the ...

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Who are the top five photovoltaic inverter shipments in 2021

Wood Mackenzie's report says that at present, the consolidation of the head inverter enterprise is continuing. In 2021, the world's top 10 solar PV inverter suppliers accounted for 82% of the ...

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[Top four Chinese PV manufacturers ship 65GW ...](#)

Each of the four top Chinese solar manufacturers shipped at least 15GW of modules in Q1 2025. Image: JinkoSolar. Four leading Chinese PV ...

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[Top 10 pv inverter companies in China in 2022](#)

There are also many bright spots in the global shipment performance of Chinese photovoltaic inverter companies. We have previously ...

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World's PV inverter shipments reach 536 GW in 2023

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 ...

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1Q 2024 Global PV Market Outlook

The photovoltaic industry added about 444 gigawatts of new capacity in 2023, a 76% growth on 2022 build. Prices of solar modules are at ...

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

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Shipment Ranking,one,Solarbe Global

Explore the top PV module suppliers based on shipment volume from 2022 onwards. Discover the leading players shaping the solar industry landscape.

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

The top 10 global solar photovoltaic (PV) inverter vendors accounted for 86% of market share in 2022, increasing by 4% year-over-year ...

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In 2025, China's Photovoltaic Inverter Industry Market Shipments ...

...

Photovoltaic inverters are one of the balance of systems (BOS) of photovoltaic inverters in photovoltaic array systems and can be used with general AC-powered equipment. ...

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[Global solar PV inverter shipments , Statista](#)

Since 2018, inverter shipments worldwide have increased by almost 480 gigawatts. Huawei, Sungrow Power Supply, and Ginlong Solis are some of the largest inverter ...

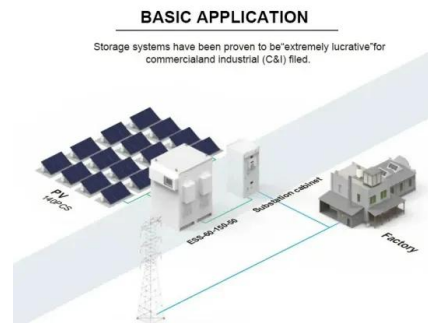
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Global Solar Inverter Shipments Grew By 56%: Wood ...

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Global surge in solar PV inverter shipments highlights China's

The top 10 PV inverter vendors, led by Chinese giants Huawei and Sungrow, controlled 81% of the global market. Huawei and Sungrow alone captured over 50% of the global share, thanks ...

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Leading enterprise of energy storage photovoltaic inverter

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

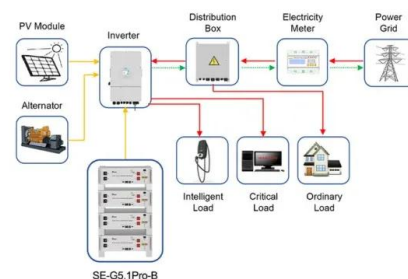
The top 10 global solar photovoltaic (PV) inverter vendors accounted for 86% of market share in 2022, increasing by 4% year-over-year since 2021, according to latest ...

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Solar Photovoltaic Inverter Enterprise

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Application scenarios of energy storage battery products



Solar Inverter Market Size, Trends & Forecast , 2033

3 days ago· Solar Inverter Market Size, Share, Growth and Industry Analysis, By Type (Central Solar, String Solar, Micro Solar Inverter), By Application (Residential and Commercial), and ...

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Top PV module companies by shipment volume in 2023

In the dynamic world of solar energy, 2023 proved to be a noteworthy year for the top solar module manufacturers. The recently unveiled shipment rankings shed light on the ...

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Energy storage inverter (PCS) shipments to reach ...

While some PCS suppliers are globally focused, many suppliers focus on a few key markets in FTM. This is due to the requirement to be able ...

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[Top 15 Solar Inverter Manufacturers In the World](#)

Compared to SunPower, Huawei is a "newcomer" to the PV inverter sector, having launched its first PV inverter in 2013 and quickly gaining recognition by entering the top five in the global ...

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