

SolarInvert Energy Solutions

Photovoltaic inverter enterprise shipments



Overview

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. 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 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 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.

Why did solar inverter shipments surge 56% in 2023?

Globally, PV inverter shipments have witnessed a 56% rise to reach 536 gigawatts of alternating current (GWac) in 2023, indicating strong 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 report from Wood Mackenzie said.

Photovoltaic inverter enterprise shipments



Global and China Photovoltaic Inverter Industry Report, 2017

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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

...

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Top 10 Solar Inverter Manufacturers In The ...

Jun 25, 2024 · Growatt, is the first batch of domestic layout of light storage and business globalization layout of enterprises, is the world's top ten inverter ...

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Top 10 Global Shipments of Solar Modules in ...

Nov 19, 2024 · PVTIME - In terms of shipments in the first three quarters of 2024, there should be no suspense in the top 10 list of global PV module shipments, ...

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Global surge in solar PV inverter shipments highlights

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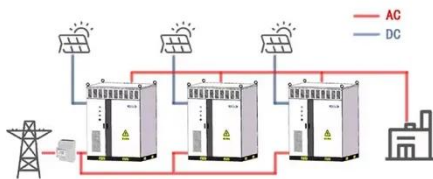
Global solar PV inverter* shipments grew by 56% in 2023 to 536 GWac, with China accounting for half of all shipments as the country's solar demand doubled in 2023, according to the latest ...

215kWh
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IP54 Protection Degree



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Global PV inverter market share rankings by

Nov 19, 2024 · ????????????,2023
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Sungrow Keeps No.1 in 2022 Global PV Inverter Shipment,

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Jul 6, 2023 · 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.



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PV inverter market share globally by shipments



Jul 9, 2025 · In 2022, Huawei had the largest PV inverter market shipments worldwide, accounting for some 29 percent of the market.

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Top 10 Hybrid Inverter Manufacturers in China

Jan 17, 2025 · The company is mainly engaged in the R& D, production, sales, and service of string inverters, which are the core equipment of distributed ...

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Global Solar PV Inverter State of the Market 2024

Sep 6, 2024 · Report Summary: This new annual report provides insight into the global and regional PV inverter markets, presenting a detailed breakdown of 2023 shipments by product ...

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Top five!Chint power has won the 365 global ...

On June 10, the "2022 global photovoltaic top 20 ranking" initiated

and held by 365 photovoltaic, 365 energy storage and smart energy was officially released ...

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

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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Solis Ranks in 2024 Global Top 500 New Energy Enterprises ...

Sep 27, 2024 · During the 2024 Taiyuan Energy Low Carbon Development Forum, Solis was once again recognized as one of the "2024 Global Top 500 New Energy Enterprises." For the ...

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Global and China Photovoltaic Inverter

Feb 22, 2018 · After high-speed growth



in 2017, the global newly installed PV capacity is expected to stabilize at 85GW or so over the next couple of years, which will cause fluctuations of PV ...

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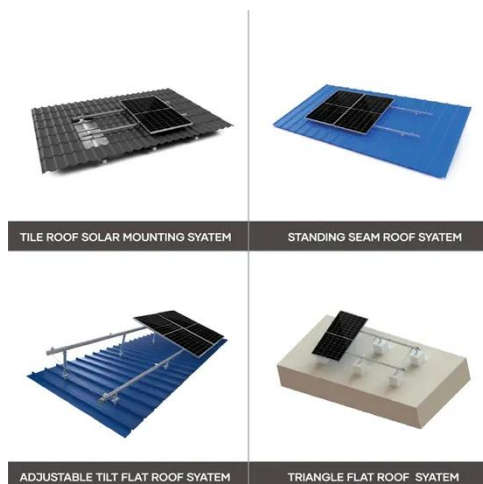
InfoLink's 2024 global module shipment ranking: significant

...

Feb 18, 2025 · The shipment data for this ranking was based on InfoLink's database and surveys conducted with manufacturers. If the statistics for a certain manufacturers are not fully ...



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

Aug 9, 2024 · Globally, PV inverter shipments have witnessed a 56% rise to reach 536 gigawatts of alternating current (GWac) in 2023, indicating strong

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Top 10 solar PV inverter vendors cornered 86

Sep 19, 2023 · Our latest 'Global Solar

PV Inverter and Module-Level Power Electronics Market Share 2023' report reveals a buoyant market in 2023, with

...

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

Sep 6, 2021 · According to Wood Mackenzie's "2020 global PV inverter supplier market rankings" released in June, global PV inverter shipments surged to ...

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Top five solar inverter vendors accounted for ...

Aug 14, 2023 · Wood Mackenzie noted that the top five vendors shipped more than 200 GWac and accounted for 71% of total global PV inverter shipments ...

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✓ IP65/IP55 OUTDOOR CABINET

✓ OUTDOOR CABINET WITH AIR CONDITIONER

✓ OUTDOOR ENERGY STORAGE CABINET

✓ 19 INCH

A year of time shipments reached the size of 1GW, row

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According to the "2013 China PV Inverter Market Report", 2013? from China's inverter enterprise shipments exceeded 13GW, accounting for the global market share rose to 26%. Among ...

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In 2025, China's Photovoltaic Inverter Industry Market

Dec 30, 2024 · 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

Jul 14, 2025 · In 2024, global solar PV inverter shipments reached 589 gigawatts alternating current. Since 2018, inverter shipments worldwide have increased by almost 480 gigawatts. ...

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Global and China Photovoltaic Inverter Industry ...

Apr 26, 2022 · PV inverters are divided

into on-grid inverters and off-grid inverters. In 2015, the global PV inverter shipment hit 56.0GW, a year-on-year ...

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AISWEI Tops Wood Mackenzie's Global Residential Inverter Shipment

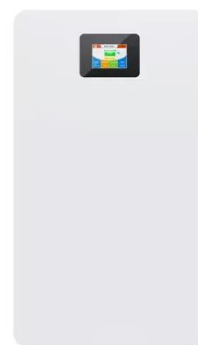
Jul 27, 2025 · Recently, Wood Mackenzie, a leading global research authority in renewable energy, energy, and natural resource markets, officially released the 2024 global PV inverter ...

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Forecast and analysis of China's PV inverter shipments and enterprise

Jul 5, 2024 · According to the "2024-2029 China Photovoltaic Inverter Industry Market Prospect Forecast and Future Development Trend Report" released by the China Commercial Industry ...

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Global Renewable Energy Market Booms, China's ...



Jan 17, 2025 · To help relevant departments and PV stakeholders understand the true situation of industry development, Solarbe & Solarbe Consulting, after ...

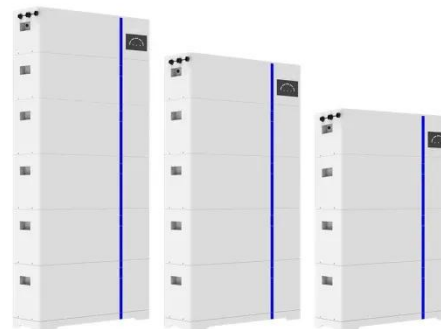
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Who are the top five photovoltaic inverter shipments in 2021

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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Forecast and analysis of China's PV inverter shipments and enterprise

Jul 5, 2024 · Photovoltaic inverter is one of the core components of the photovoltaic power generation system, and its role is to convert the direct current emitted by the solar cell into ...

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Top 10 solar PV inverter vendors account for ...

Aug 14, 2023 · The top five vendors - Huawei, Sungrow, Ginlong Solis, Growatt, and GoodWe - shipped more than 200 GWac and accounted for 71% of total ...

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Solar Photovoltaic Inverter Enterprise

The global PV demand of 201 gigawattalternating current (GWac) in 2022 contributed to 48% growth year-over-year for PV inverters. In terms of inverter shipments, strong growth in ...

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Analysis of Market Status and Competition Pattern of Global PV Inverter

The core data of this article: Global PV inverter shipments, global PV inverter market competition pattern 1. Global PV Inverter Development Inverters first appeared in the late 19th century, and ...

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PHOTOVOLTAIC MODULES AND INVERTERS

Mar 5, 2025 · The different inverter types



available in the market are central inverters, string inverters, micro inverters, smart inverters and battery-based inverters. Central inverters are ...

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2023 World's Top 20 Global Photovoltaic ...

May 25, 2023 · PVTIME - Cohesion of PV brands promotes strong development of technology and services for solar energy and energy storage industry. On ...

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Analysis of Market Status and Competition Pattern of Global PV Inverter

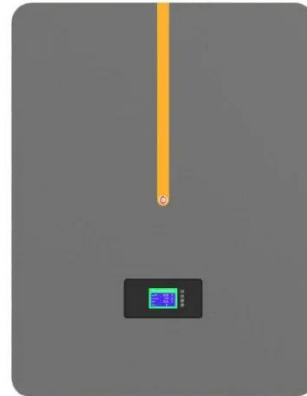
May 31, 2024 · The core data of this article: Global PV inverter shipments, global PV inverter market competition pattern 1. Global PV Inverter Development Inverters first appeared in the ...

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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 ...

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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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