
Solar inverter industry in 2025

How did solar inverter market share grow in 2021?

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 inverter shipments grew 22% or 40,250 MWac (megawatt, alternating current) to 225,386 MWac in 2021 compared to 2020.

How will the solar power market grow in 2025?

The shift to sustainable energy has caused the solar power market to grow worldwide. According to SolarPower Europe, the worldwide solar market will double to 2.3 TW in 2025, compared to a global 1 TW capacity in 2022.

Why did the inverter market decline in 2021?

The US, however, saw a minor reduction of 360 MWac in inverter shipment in 2021 from 2020, and accounted for 14% of the global market share. Supply chain constraints, record-level raw material costs and rising costs for developers contributed to the slight year-on-year dip.

Will smart inverters expand the solar market?

The proliferation of smart inverters could expand the possible size of the solar market in a big way. Individual distributed energy resources (DERs) will now come equipped with grid-support functionality, so they will be more of an asset to the grid than a burden.

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Wood Mackenzie forecasts a two-year decline in the global solar inverter market, with shipments dropping in 2025 and 2026 due to market uncertainties. Recovery is expected ...

Solar inverter technology is evolving faster than ever, and in 2025, it has become one of the most innovative segments in the renewable energy industry. Solar panels may ...

The global solar inverter market is set to contract over the next two years, according to analysis from Wood Mackenzie. The consultancy is forecasting the market will fall to 577 ...

The 2025 Landscape: Why Small-Scale Inverters Matter More Than Ever Solar power systems

are evolving--but not just getting bigger. In 2025 the shift is toward smarter, distributed, and ...

Global solar inverter shipments are forecast to decline through 2026, with regional contractions in China, Europe, and the U.S. driven by overcapacity, policy shifts, and ...

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