

The largest string solar inverter





Overview

Kehua's 1500V/350kW inverter is currently the largest string inverter in the world in terms of single power. Who makes the best solar string inverter?

We review the best grid-connect solar inverters from the world's leading manufacturers Fronius, SMA, SolarEdge, Fimer, Sungrow, Huawei, Goodwe, Solis and many more to decide who offers the highest quality and most reliable solar string inverters for residential and commercial solar.

What are 'string' solar inverters?

This review focuses on common 'string' solar inverters, the most popular type. These inverters use one or more strings (groups) of solar panels connected in series. String solar inverters are the most common type used in the UK, Europe, Australia, and Asia. They are also growing in popularity in the US, where microinverters are extremely popular.

How much power does a string inverter have?

Before 2013, 20kW string inverters were considered high-power. In 2014, 28kW appeared, and the 40kW ones followed by in 2015, and the power increased at a rate of 10kW per year thereafter. Until 2017, the 1500V PV system promoted the breakthrough of 100kW inverters, later reaching 200kW and then 300kW.

What is a high-power string inverter?

High-power string inverters, rather than simply making centralized inverters smaller or string inverters larger, take into account the low cost of centralized inverters and the flexibility of small-power string inverters. It is a market-oriented product that has evolved in response to industry changes.



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Top 15 Solar Inverter Manufacturers In the World

This article highlights the top 15 solar inverter manufacturers worldwide, showcasing their innovative technologies and contributions to renewable energy solutions.

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Solar Inverters , String Inverters , Energy storage inverters

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