

SUNGROW

Clean power for all

About sungrow

Sungrow Power Supply Co., Ltd ("Sungrow") is the world's most bankable inverter brand with over 120 GW installed worldwide as of June 2020. Founded in 1997 by University Professor Cao Renxian, Sungrow is a leader in the research and development of solar inverters, with the largest dedicated R&D team in the industry and a broad product portfolio offering PV inverter solutions and energy storage systems for utility-scale, commercial, and residential applications, as well as internationally recognized floating PV plant solutions. With a strong 23-year track record in the PV space, Sungrow products power installations in over 120 countries, maintaining a worldwide market share of over 15%.

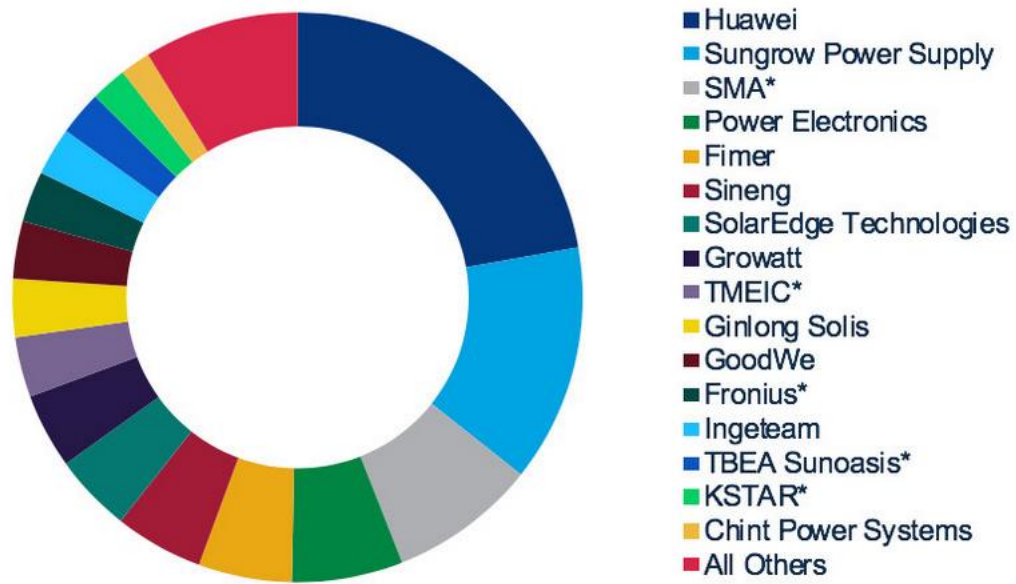
On Aug. 28, 2020 the Company was once again ranked "100% bankable" by BloombergNEF as per the latest survey of PV Module & Inverter Bankability 2020, becoming the only inverter supplier ranked "100% bankable" for two straight years.

The Company's latest 1H 2020 financial report shows a 55.57% year-on-year growth in revenue, underlining a robust and preminent performance in sustainable development.

Since April 2020, Sungrow announced it was offering 10 years' warranty for some inverter models purchased from 1st April 2020.

Huawei, Sungrow and SMA remained the solar inverter market leaders for the fifth year running, based on a new Wood Mackenzie report on the inverter market in 2019. These top three vendors have now held the same positions from 2015 to 2019.

Global PV inverter shipments, 2019 (MW)

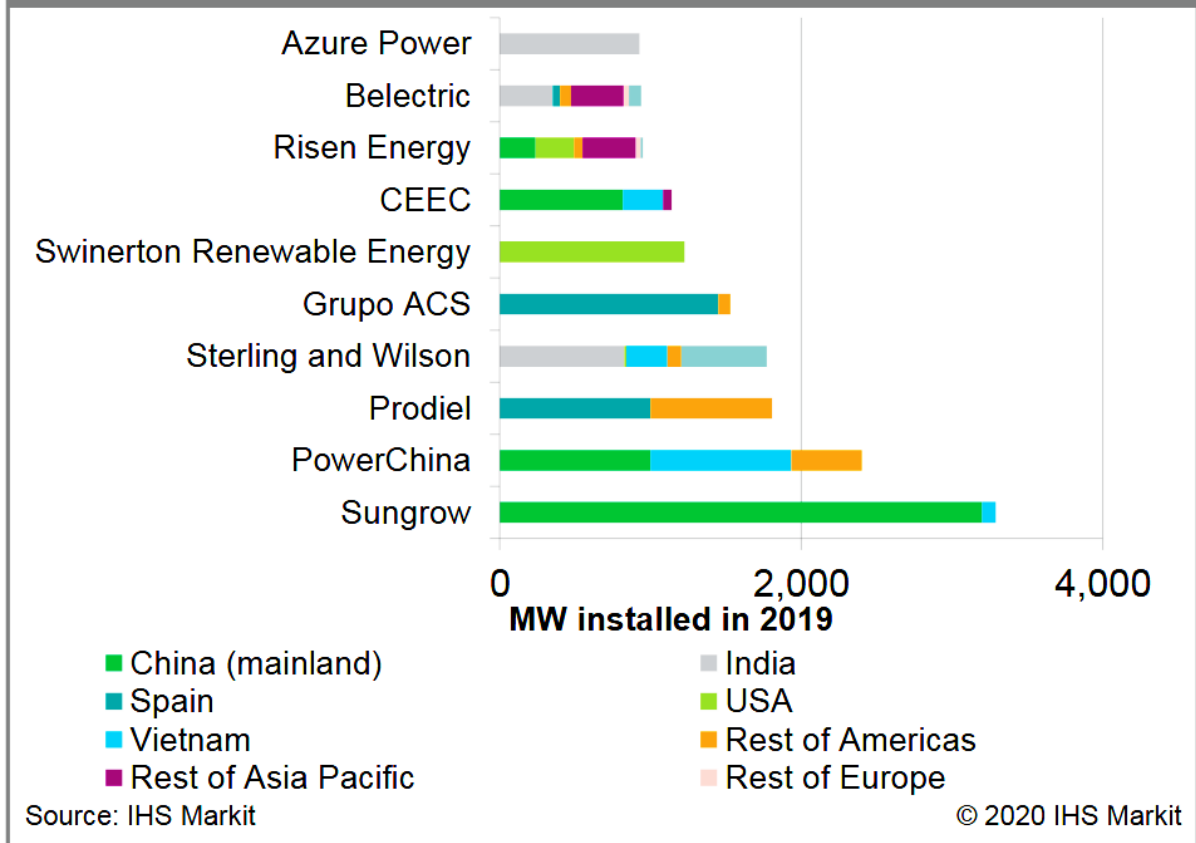


* Estimate

Source: Wood Mackenzie

October 15, 2020: Sungrow has received the world's first DC arc detection and interruption technical report issued by TÜV SÜD. The report outlines Sungrow SG110CX has been tested according to the newly recognized international standard IEC 63027 ED1 (draft), 82/1636/CDV, underlining the global leading position on product reliability and safety.

10 largest EPC companies for PV 2019



IHSmarkit, October 2020: SunGrow and Ciel et Terre remain the top-two manufacturers of floating structures. Both Ciel et Terre and SunGrow continue to dominate the global market of floating PV mounting suppliers with both suppliers accounting for 70 percent of the total completed or under construction installations. SunGrow continues to have the largest installed base due to its large market share in China and in other Asian markets.

Residential solutions:

- up to 99% efficiency with up to 2 MPPTs (Maximum Power Point Tracker) to get the most usable power output
- work with aluminum and copper AC cables, are compatible with both lithium-ion and lead-acid batteries, come with an enabled DC 2-in-1 connection and offer a high-string configuration flexibility
- feature-rich online monitoring via our App or website with smart string current monitoring, full diagnosis and the Sungrow smart meter for full energy-flow transparency. Touch-free commissioning and remote firmware upgrades make operation and maintenance (O&M)
- numerous protection features: A type II SPD (Surge Protection Device) for both DC and AC complies with global safety and local grid regulations
- IP66 certification and a C5 rating and include a mounting plate with an internal level and push-in connectors, making installation quick and simple
- Connectivity options like RS485, Ethernet and WiFi allow you to access your PV installation from anywhere. Built-in certified data security provides full logs for traces and audits and abundant data storage in order to keep your data safe and secure

Commercial solutions:

- compatible with newer bifacial modules and achieve up to 99% efficiency with up to 9 MPPTs (Maximum Power Point Tracker)
- Sungrow's central inverters offer a very high yield with an efficiency of up to 99% and a high DC/AC ratio of up to 1.5 by employing advanced three-level topology technology. An active cooling system enables peak power output at extremely high temperature
- Due to its lightweight and compact design, sungrow string inverters are easy to transport and easier to install than traditional inverters. An optional Q at night function helps stabilize the power grid. A true DC 1500 V system with low system costs and an integrated LV auxiliary power supply makes this a very sound investment
- Sungrow's central inverters include an integrated current and voltage monitoring function for online analysis and troubleshooting. All sungrow central inverters are designed modularly for easy for maintenance and servicing. External touch screen is designed for intuitive and convenient access to all functions and allows you to monitor things.
- Sungrow central inverters fully comply with the IEC 61727 and IEC 62116 standards and are able to withstand and stay connected during short Low/High Voltage Ride Throughs (L/HVRT) or Frequency Ride Throughs (FRT). Active & reactive power control and power ramp rate controls protect the grid at all times.
- Use Sungrow's one-click access to iSolarCloud for easy, centralized management of your power plant. The integrated insight software enables you to remotely monitor and control combiner boxes, transformers, power conversion systems, and up to 10 inverters. An integrated hardware firewall keeps everything safe and secure.