



SMA Solar Technology AG Press Release

SMA doubles battery inverter power sold to two gigawatts

Niestetal, February 5, 2020 – Battery storage systems are a crucial part of the decentralized energy supply of the future and an essential requirement for the continued expansion of renewable energies. Last year, SMA has built on its lead in this important field for the future. In 2019, the company signed contracts for the sale of battery inverter power of over one gigawatt (GW). SMA is thereby doubling the total power sold in the storage segment to 2 GW. Battery inverters for large-scale storage system projects account for the largest part of power sold. The most powerful SMA battery inverters are globally used in storage power plants with and without solar energy.

“Storage systems play a key role in the integration of large proportions of renewable energies into utility grids,” said Marko Werner, Executive Vice President of Large-Scale Storage at SMA. “They are an important instrument for flexibilization of the electricity supply and ensure its stability. SMA has been successfully developing solutions for storage integration for more than three decades. Our customers from all over the world appreciate our many years of experience and high degree of system expertise. This is why we have signed contracts to supply storage solutions with a total power output of more than 1 GW – three times as much as in the previous year. Now with total installed battery inverter power of 2 GW, SMA remains by far the global market leader in this area. We are expecting further growth for the global storage market in the coming years.”

Large-scale storage systems ensure grid stability

Numerous large-scale battery storage power plants around the world have been connected to the grid in the past two years. Battery inverters integrate large-scale storage systems into the public utility grids. They provide operating reserve to ensure grid stability and safeguard the electricity supply. The available operating reserve from the large-scale storage systems can keep the grid frequency stable. [On more than one occasion, power plants have helped prevent large-scale power outages.](#)

Storage solutions for every application

[Sunny Central Storage battery inverters](#) are used in the world’s largest-scale storage projects. The most powerful SMA battery inverters also feature the optional new grid formation and black start functions and can form a stand-alone grid within milliseconds for an uninterrupted electricity supply should the utility grid fail. For storage systems in households and small companies, SMA offers the flexible [Sunny Boy Storage](#) and [Sunny Tripower Storage battery inverters](#). The [Sunny Island battery inverters](#) from SMA are used around the world in both off-grid and grid-connected energy storage systems.



You can find information on storage solutions for all applications [here](#).

About SMA

As a leading global specialist in photovoltaic system technology, the SMA Group is setting the standards today for the decentralized and renewable energy supply of tomorrow. SMA's portfolio contains a wide range of efficient PV inverters, holistic system solutions for PV systems of all power classes, intelligent energy management systems and battery-storage solutions as well as complete solutions for PV diesel hybrid applications. Digital energy services as well as extensive services up to and including operation and maintenance services for PV power plants round off SMA's range. SMA inverters with a total output of around 85 gigawatts have been installed in more than 190 countries worldwide. SMA's multi-award-winning technology is protected by more than 1,400 patents and utility models. Since 2008, the Group's parent company, SMA Solar Technology AG, has been listed on the Prime Standard of the Frankfurt Stock Exchange (S92) and is listed in the SDAX index.

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