

Export-oriented solar inverter





Overview

What is a zero export solar inverter?

Zero Export solar inverters are special-purpose solar inverters that have inbuilt Zero Export devices. However, most solar inverters don't have zero export facilities. To convert any solar inverter into a Zero Export Solar Inverter, an external controller is required.

Can a solar storage system be a zero-export system?

In a typical household, the proportion of self-generated solar power after installing such a storage system is 50% to 70%. If a PV inverter from another manufacturer is installed in the existing system or the existing inverter cannot be regulated, the system can be upgraded to a zero-export system by adding a storage system.

What is an intelligent PV inverter?

An intelligent PV inverter is installed in the system. This inverter is configured for zero export and dynamically limits the power if it cannot be consumed in the household at the same time it is generated. Direct self-consumption can cover 30% to 40% of power consumption in a typical household.

Can a zero-export Solar System feed into the utility grid?

Such systems are not designed for feeding into the utility grid and they actively prevent this. The zero-export system from SMA maximizes self-consumption and uses 100% of the self-generated solar power. Our system lets customers expand the solar energy without high additional investments in the utility grids.



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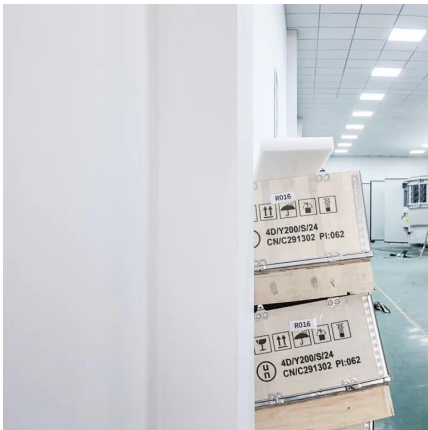
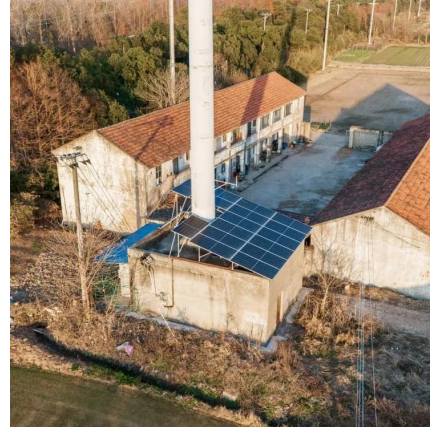
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