

SUNGROW

KONFORMITÄTSERKLÄRUNG

According to Article 14 of the German Energy Industry Act (EnWG)(2024)



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Declaration of conformity according to FNN specification "Article 14 of the German Energy Industry Act (EnWG)" (2024)

The Energy Industry Act, effective January 1, 2024, introduces a new regulation for high-performance consumers such as wall boxes(EV chargers), heat pumps, and battery storage units via Section 14a of the Energy Industry Act. The new regulation is intended to enable electricity consumers to be dimmed to lower than 4.2 kW in case of a possible grid overload at the low-voltage level.

Our Sungrow products can also be easily installed and operated safely by Section 14a of the Energy Industry Act.

Hybrid Inverter and Battery Part:

The Sungrow Hybrid Inverter itself can be connected to an external control device authorized by network operators via the COM2 Terminal. This is necessary for all battery storage units that can receive a charge from the public grid from 4.2 kW.



The list of devices that can comply with the requirements outlined in Article 14 of the German Energy Industry Act (EnWG) is as follows:

Hybrid Inverter	Battery
SH5-10RT and SH5-10RT-20 Series	SBR064-SBR256 Series
SH5-25T Series	SBR096-SBR256 Series
	SBH100-400 Series

The hybrid inverter can respond to power limitation commands issued through external control devices, enabling them to draw power from the grid at levels below a pre-set maximum value (under 4.2 kW) within 2 hours. Once the power limitation instruction from the external control device is lifted, the inverter can revert to its prior power draw level.

Additionally, third-party Energy Management Systems (EMS) can also receive the signal from external control devices and relay it to the Sungrow inverter.

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