

Certificate of Conformity

By the product certificate number:

No. 2622/0133-CER

Issued to:

License holder Alpha ESS Co., Ltd.
Jiuhua Road 888, Nantong High-Tech Industrial Development Zone,
Nantong City, 226300, Jiangsu, China.



Trademark  Alpha-ESS

Manufacturer Zhangzhou Kehua Technology Co., Ltd.
No.11 Jinxing Road, Xiangcheng District,
Zhangzhou City, Fujian Province, China

It is certified that the product:

Type of generator: Hybrid Inverter

	Models:	SMILE-S6-HV-INV	SMILE-S5-HV-INV	SMILE-B6-HV-INV	SMILE-B5-HV-INV
Technical Data:	Rated Active Power	6kW	5kW	6kW	5kW
	Rated Voltage			230 V _{ac}	
	Rated Frequency			50 Hz	
	Firmware version			V0.00.44	
	Number of phases			1/N/PE	
	Isolation transformer			NO	

Is in compliance with standard:

- EN 50549-1:2019
Requirements for generating plants to be connected in parallel with distribution networks – Part 1: Connection to a LV Distribution Network - Generating Plants up to and including type B. (1)

The above-mentioned product is certified according to the standard EN 50549-1: 2019 and is valid to be installed in PV generating of **type plants A (1)** to be connected to a LV distribution network. The relation between this European Standard with the relevant Article of COMMISSION REGULATION (EU) 2016/631 (NC RfG) is considered as it is indicated in the annex H of the standard EN 50549-1:2019.

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-53 based on the requirements of the UNE-EN ISO / IEC 17065.

First issued on: 23rd of March 2022.

This certificate is valid until: 23rd of March 2027.

Madrid, 23rd of March 2022

Daniel Arranz Muñiz
Certification Manager

