

ATTESTATION OF CONFORMITY

Issued to: Ningbo Sunways Technologies Co., Ltd.
No. 1, Second Road, Green Industrial Zone, Chongshou Town, 315334 Cixi,
Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA

For the product: HYBRID INVERTER

sunways

Trade name:

Type/Model: See model list

Ratings: See model list

Manufactured by: Ningbo Sunways Technologies Co., Ltd.
No. 1, Second Road, Green Industrial Zone, Chongshou Town, 315334 Cixi,
Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA

Requirements: EN IEC 61000-6-1:2019
EN IEC 61000-6-3:2021

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6171236.50

This Attestation implies that the examined types are in accordance with the standards designated under the Electromagnetic compatibility directive 2014/30/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

The CE marking may be affixed on the product if all relevant and effective EC directives are complied with.

Arnhem, 26 January 2024

Number: 6171236.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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Annex

Document no. : 6171236.01AOC

Ratings:

Model	STH-3KTL-LSS	STH-3.6KTL-LS	STH-4.2KTL-LS	STH-4.6KTL-LS	STH-5KTL-LS	STH-6KTL-LS	STH-7KTL-LS	STH-8KTL-LS	STH-10KTL-LS
PV Port									
D.C. Max. Input Voltage:	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.	600Vd.c.
Battery Port									
Battery Voltage Range:	42-58Vd.c.	42-58Vd.c.	42-58Vd.c.	42-58Vd.c.	42-58Vd.c.	42-58Vd.c.	42-58Vd.c.	42-58Vd.c.	42-58Vd.c.
A.C. Input Port									
A.C. Input Nominal Voltage:	L/N/PE ~220/230V	L/N/PE ~220/230V	L/N/PE ~220/230V	L/N/PE ~220/230V	L/N/PE ~220/230V	L/N/PE ~220/230V	L/N/PE ~220/230V	L/N/PE ~220/230V	L/N/PE ~220/230V
A.C. Input Nominal Frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
A.C. Input Max. Current:	27.3A	32.7A	38.2A	41.8A	45.5A	54.5A	54.5A	54.5A	54.5A
A.C. Input Max. Apparent Power:	6000VA	7200VA	8400VA	9200VA	10000VA	12000VA	12000VA	12000VA	12000VA
A.C. Output Port									
A.C. Output Rated Power:	3000W	3600W	4200W	4600W	5000W	6000W	7000W	8000W	10000W
A.C. Output Rated Apparent Power:	3000VA	3600VA	4200VA	4600VA	5000VA	6000VA	7000VA	8000VA	10000VA
A.C. Output Max. Current:	15A	18A	20A	22A	25A	28.7A	34A	38.3A	48A
A.C. Output Rated Current:	13A	15.7A	18.3A	20A	21.7A	26.1A	31A	35A	44A

A.C. Output Nominal Voltage:	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V
A.C. Output Nominal Frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor:	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging	0.8 leading- 0.8 lagging
Back-up Output Port									
Back-up Output Nominal Voltage:	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V	L/N/PE ~220/ 230V
Back-up Output Nominal Frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Back-up Output Rated Power:	3000W	3600W	4200W	4600W	5000W	6000W	7000W	8000W	10000W
Back-up Output Rated Apparent Power:	3000VA	3600VA	4200VA	4600VA	5000VA	6000VA	7000VA	8000VA	10000VA

End