

CERTIFICATE 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

Trade name: ***sunways***

Type/Model: STH-3KTL-LSS, STH-3.6KTL-LSS

Ratings: See Annex

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: Engineering Recommendation G98 Issue 1 – Amendment 7: 2022

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6234689.50.

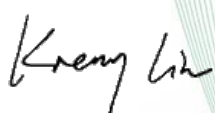
The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-10-17 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-10-17

Certificate Number: 6234689.01COC

DEKRA Testing and Certification (Shanghai) Ltd.


Kreny Lin
Certification Manager

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ESA-CER-F021 v4.1



PCA-141

Ratings of the test product:

Model	STH-3KTL-LSS	STH-3.6KTL-LSS
PV Input		
Vmax PV (Vdc) (absolute Max.)	600	600
Rated DC Input Voltage (Vdc)	360	360
Isc PV (absolute Max.) (A)	25	25
Max. Input Current (A)	20	20
MPPT Voltage Range (Vdc)	80-550	80-550
No. of MPP Trackers	1	1
No. of DC Input per MPPT	1	1
Battery Input		
Battery Voltage Range (Vdc)	40-60	40-60
Max. Charge / Discharge Current	80 / 80	80 / 80
AC Grid (output)		
Rated Output Voltage (Vac)	220/230/240, L/N/PE	
Frequency (Hz)	50 / 60	
Rated Output current (A)	13	16
Max. Output Current (A)	15	16
Rated Output Power (W)	3000	3680
Max. Output Power (W)	3300	3600
Rated Apparent Power (VA)	3000	3680
Max. Apparent Power (VA)	3300	3680
Power factor (adjustable)	0.8 leading ... 0.8 lagging	
Others		
Protective class	Class I	
Ingress protection (IP)	IP66	
Operating Temperature	-25°C to +60°C	
Topology	Non-isolated	
Overvoltage category	OVC III (AC Main), OVC II (PV)	

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