

# 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

Trade name: **sunways**

Type/Model: STH-15KTL-HT, STH-17KTL-HT, STH-20KTL-HT, STH-25KTL-HT, STH-29.9KTL-HT, STH-30KTL-HT, STH-33KTL-HT

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: IEC 62109-1:2010, EN 62109-1:2010  
IEC 62109-2:2011, EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6161988.50(A-B).

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/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, 29 November 2023

Number: 6161988.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin  
Certification Manager

© Integral publication of this attestation and adjoining reports is allowed

Page 1 of 2



Document no. : 6161988.01AOC

## Ratings of the test product:

Model	STH-15KTL-HT	STH-17KTL-HT	STH-20KTL-HT	STH-25KTL-HT	STH-29.9KTL-HT	STH-30KTL-HT	STH-33KTL-HT
PV Input							
Max input voltage(V)	1000						
MTTP voltage(V)	200-850						
Max input current(A)	32/32						
Battery							
Battery voltage range (V)	200-800						
Maximum charging/Discharge current (A)	50						
AC Input							
Rated Input Voltage(V)	3L/N/PE, 230/400						
Max. Input Current(A)	32,6	37	43,5	54,3	65	65	65
Rated AC Frequency (Hz)	50/60						
Output (Grid)							
Max Output Power(kVA)	16,5	18,7	22	27,5	29,9	33	36,3
Rated Output Voltage(V)	3L/N/PE, 230/400						
Rated AC Frequency (Hz)	50/60						
Max. Output Current(A)	25,0	28,3	33,3	41,7	49,8	50,0	55,0
Power Factor	0,8 leading ...0,8 lagging						
Output (Back-up)							
Max Output Power(kVA)	16,5	18,7	22	27,5	29,9	33	36,3
Max. Output Current(A)	25,0	28,3	33,3	41,7	49,8	50,0	55,0
Rated Output Voltage(V)	3L/N/PE, 230/400						
Rated AC Frequency (Hz)	50/60						
General Data	Over voltage category: III(Mains), II(PV), Operating temperature range: - 30 °C to + 60 °C, Relative Humidity (%): 0-100, Protective class: I, Ingress protection rating: IP66, Operating Altitude (m): 3000						

End