

# ATTESTATION OF CONFORMITY

Issued to: Ningbo Sunways Technologies Co., Ltd.  
No. 1, Second Road, Green Industrial Zone, Chongshou Town 315334 Cixi, Ningbo,  
Zhejiang, P.R. China

For the product: GRID-CONNECTED PV INVERTER

Trade name: **sunways**

Type/Model: STT-29.9KTL; STT-30KTL; STT-33KTL;  
STT-36KTL; STT-40KTL; STT-45KTL;  
STT-50KTL-M; STT-60KTL-M

Ratings: See Annex

Manufactured by: Ningbo Sunways Technologies Co., Ltd.  
No. 1, Second Road, Green Industrial Zone, Chongshou Town 315334 Cixi, Ningbo,  
Zhejiang, P.R. China

Requirements: IEC 61727:2004  
IEC 62116:2014

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6155282.50(A-B)

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.

Arnhem, 27 April 2023

Number: 6155282.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin  
Certification Manager

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**Ratings of the test product:**

Operating temperature range: - 30°C to + 60°C

Protective class: I

Ingress protection rating: IP65

Power factor range (adjustable): 0.8 leading...0.8 lagging

**STT-29.9KTL:**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 43.3 A, max 29.9kVA

**STT-30KTL:**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 47.8 A, max 33kVA

**STT-33KTL:**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 52.6 A, max 36.3kVA

**STT-36KTL:**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 57.4 A, max 39.6kVA

**STT-40KTL**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 63.8 A, max 44kVA

**STT-45KTL**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 71.7 A, max 49.5kVA

**STT-50KTL-M**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 79.7 A, max 55kVA

**STT-60KTL-M**

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max: 4\*26 A, Isc PV: 4\*40 A

Output: 3/N/PE, 380/400 Vac, 50/60 Hz, max 95.7 A, max 66kVA