

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: GRID-CONNECTED PV INVERTER

Trade name: **sunways**

Type/Model: STS-3KTL-SE, STS-3KTL-SE-S, STS-3.3KTL-SE-S, STS-3.6KTL-SE, STS-3.6KTL-SE-S, STS-4KTL-NB, STS-4KTL-SE, STS-4KTL-SE-S, STS-4.6KTL-NB, STS-4.6KTL-SE, STS-4.6KTL-SE-S, STS-5KTL-NB, STS-5KTL-SE, STS-5KTL-SE-S, STS-6KTL-NB, STS-6KTL-SE, STS-6KTL-SE-S

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 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. 6181845.51(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, 22 April 2024

Number: 6181845.02AOC

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: IP66

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

STS-3KTL-SE:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20/ 20 A, Isc PV: 25/ 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 3kW, max 15 A, max 3.3kVA

STS-3KTL-SE-S:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20 A, Isc PV: 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 3 kW, max 15 A, max 3.3kVA

STS-3.3KTL-SE-S:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20 A, Isc PV: 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 3.3 kW, max 16.5 A, max 3.63kVA

STS-3.6KTL-SE:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20/20 A, Isc PV: 25/ 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 3.6 kW, max 16 A, max 3.68kVA

STS-3.6KTL-SE-S:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20 A, Isc PV: 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 3.6 kW, max 16 A, max 3.68kVA

STS-4KTL-NB:

PV input: Max. 600 Vdc, MPPT voltage range: 380-550 Vdc, max: 20 A, Isc PV: 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 4 kW, max 20 A, max 4.4kVA

STS-4KTL-SE:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20/ 20 A, Isc PV: 25/ 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 4 kW, max 20 A, max 4.4kVA

STS-4KTL-SE-S:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20 A, Isc PV: 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 4 kW, max 20 A, max 4.4kVA

STS-4.6KTL-NB:

PV input: Max. 600 Vdc, MPPT voltage range: 380-550 Vdc, max: 20 A, Isc PV: 25 A

Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 4.6 kW, max 23 A, max 5.06kVA

STS-4.6KTL-SE:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20/ 20 A, Isc PV: 25/ 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 4.6 kW, max 23 A, max 5.06kVA

STS-4.6KTL-SE-S:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20 A, Isc PV: 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 4.6 kW, max 23 A, max 5.06kVA

STS-5KTL-NB:

PV input: Max. 600 Vdc, MPPT voltage range: 380-550 Vdc, max: 20 A, Isc PV: 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 5 kW, max 25 A, max 5.5kVA

STS-5KTL-SE:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20/ 20 A, Isc PV: 25/ 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 5 kW, max 25 A, max 5.5kVA

STS-5KTL-SE-S:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20 A, Isc PV: 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 5 kW, max 25 A, max 5.5kVA

STS-6KTL-NB:

PV input: Max. 600 Vdc, MPPT voltage range: 380-550 Vdc, max: 20 A, Isc PV: 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 6 kW, max 30 A, max 6.6kVA

STS-6KTL-SE:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20/ 20 A, Isc PV: 25/ 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 6 kW, max 30 A, max 6.6kVA

STS-6KTL-SE-S:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max: 20 A, Isc PV: 25 A
Output: L/N/PE, 220/230 Vac, 50/60 Hz, rated power 6 kW, max 30 A, max 6.6kVA

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