

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: EN 50549-1:2019 (Requirements for type A Generating Units)
COMMISSION REGULATION (EU) 2016/631 (NC RfG)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6151996.50

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The certificate 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, 21 August 2023

Number: 6151996.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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Annex to 6151996.01AOC

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 Vd.c, MPPT voltage range: 180-1000 Vd.c, max: 4*26 A, Isc PV: 4*40 A

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

STT-30KTL:

PV input: Max. 1100 Vd.c, MPPT voltage range: 180-1000 Vd.c, 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 Vd.c, MPPT voltage range: 180-1000 Vd.c, 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 Vd.c, MPPT voltage range: 180-1000 Vd.c, 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 Vd.c, MPPT voltage range: 180-1000 Vd.c, 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 Vd.c, MPPT voltage range: 180-1000 Vd.c, 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 Vd.c, MPPT voltage range: 180-1000 Vd.c, 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 Vd.c, MPPT voltage range: 180-1000 Vd.c, 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

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