

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: Hybrid Inverter

Trade name: ***sunways***

Type/Model: STH-3KTL-HSS; STH-3.6KTL-HSS; STH-3KTL-HS;
STH-3.6KTL-HS; STH-4.2KTL-HS; STH-4.6KTL-HS;
STH-5KTL-HS; STH-6KTL-HS; STH-7KTL-HS; STH-8KTL-HS

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 61683:1999
IEC 61727:2004
IEC 62116:2014
IEC 60068-2-1:2007
IEC 60068-2-2:2007
IEC 60068-2-14:2009
IEC 60068-2-30:2005

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6117067.50(A-D)

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, 9 December 2021

Number: 6117067.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Annex

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STH-3KTL-HSS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15 A, Isc PV: 20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 3000 VA, max 15 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-3.6KTL-HSS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15 A, Isc PV: 20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 3600 VA, max 18 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-3KTL-HS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 3000 VA, max 15 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-3.6KTL-HS

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 3600 VA, max 18 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-4.2KTL-HS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 4200 VA, max 21 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-4.6KTL-HS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 4600 VA, max 21 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-5KTL-HS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 5000 VA, max 25 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-6KTL-HS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 6000 VA, max 28.7 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-7KTL-HS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 7000 VA, max 35 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion

STH-8KTL-HS:

PV input: Max. 600 Vdc, MPPT voltage range: 100-550 Vdc, max 15/15 A, Isc PV: 20/20 A

Output: L/N/PE-220/230Vac, 50/60 Hz, 8000 VA, max 36.3 A

Battery Voltage Rang: 85-500 Vdc, Battery Max. charge/discharge Current 30A/30A, Battery Type: Li-Ion