

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Hybrid Inverter

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

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

When more than one factory☐ Additional information on page 2

Ratings and principal characteristics

Product data

Ratings:

Operating temperature range: - 25°C to + 60°C
Protective class: I, Ingress protection rating: IP66
Power factor range (adjustable): 0,8 leading ~ 0,8 lagging
Altitude (m): 3000, PV input: max 600 Vdc

Product data – type STH-3.6KTL-LSS

Ratings:

PV Max Input Power: 6 kW,
AC Side Nominal Power: 3,68 kW,
Max Output Apparent Power: 3,68 kVA

Product data – type STH-3KTL-LSS

Ratings:

PV Max Input Power: 6 kW,
AC Side Nominal Power: 3 kW,
Max Output Apparent Power: 3,3 kVA

Product data – type STH-4.6KTL-LS

Ratings:

PV Max, Input Power: 9,2 kW,
AC Side Nominal Power: 4,6 kW,
Max Output Apparent Power: 5,06 kVA

Product data – type STH-4KTL-LS

Ratings:

PV Max, Input Power: 8 kW,
AC Side Nominal Power: 4 kW,
Max Output Apparent Power: 4,4 kVA

Product data – type STH-5KTL-LS

Ratings:

PV Max, Input Power: 10 kW,

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DEKRA Certification B.V.
Meander 1051
6825 MJ Arnhem
Netherlands

Date: 2025-09-08


Signature: Caroline Chen

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AC Side Nominal Power: 5 kW,
Max Output Apparent Power: 5,5 kVA

Product data – type STH-6KTL-LS

Ratings:

PV Max, Input Power: 12 kW,
AC Side Nominal Power: 6 kW,
Max Output Apparent Power: 6,6 kVA

Product data – type STH-7.5KTL-LS

Ratings:

PV Max, Input Power: 12 kW,
AC Side Nominal Power: 7,5 kW,
Max Output Apparent Power: 8,25 kV

Product data – type STH-8KTL-LS

Ratings:

PV Max, Input Power: 12 kW,
AC Side Nominal Power: 8 kW,
Max Output Apparent Power: 8,8 kVA

Trademark / Brand (if any)


Sunways

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

STH-3.6KTL-LSS, STH-3KTL-LSS, STH-4.6KTL-LS, STH-4KTL-LS,
STH-5KTL-LS, STH-6KTL-LS, STH-7.5KTL-LS and STH-8KTL-LS

Additional information

☐ Additional information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62109-1:2010 and IEC 62109-2:2011

As shown in the Test Report Ref. No. which forms part of this Certificate

6234684.50(A-B)

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