

Certificate of Conformity

Registered No.:

COC PVP08031/22E-01

File reference
PVP08031/22E-01

Test report No.
TRPVP08031/22E/01

Date of issue
2022-11-18

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

Applicant: **Ningbo Sunways Technologies Co., Ltd.**
No. 1, Second Road, Green Industrial Zone, Chongshou Town, 315334
Cixi, Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA

Manufacturer: **Ningbo Sunways Technologies Co., Ltd.**
No. 1, Second Road, Green Industrial Zone, Chongshou Town, 315334
Cixi, Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA

Factory : **Ningbo Sunways Technologies Co., Ltd.**
No. 1, Second Road, Green Industrial Zone, Chongshou Town, 315334
Cixi, Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA

Product: GRID-CONNECTED PV INVERTER

Type designation: STT-60KTL, STT-50KTL, STT-60KTL-P, STT-50KTL-P
Three-phase, Firmware version: V1.00

Type of equipment: Interface device
 Interface protection
 Static conversion device
 Rotary generation device
Remark: The device is for plants of each power.

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-21:2019-04 "Reference technical rules for the connection of active and passive users to the LV electrical Utilities"
See test report for detailed information.

Certification body: **TÜV NORD (HANGZHOU) CO., LTD.**
Room B409, Building 1, No. 9, Jiuhuan Road, Shangcheng District,
Hangzhou City, Zhejiang Province, 310019, P.R. China



Renewable Energy

BOS-T-018 COC



中国认可
产品
PRODUCT
CNAS C183-P

TÜV NORD (HANGZHOU) CO., LTD.
Member of TÜV NORD Group
Tel: +86-571-85386989
Fax: +86-571-85386986
www.tuv-nord.com/cn
P.R. China

Accredited by CNAS according to ISO/IEC 17065:2012, certificate no. CNAS C183-P.

Testing laboratory:

Dongguan BALUN Testing Technology Co., Ltd.

Room 104/204/205, Building 1, No. 6, Industrial South Road, Songshan Lake District, Dongguan, Guangdong, China

Accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701

Conclusion:

After verifying following documents, it is concluded that the product is in compliance with the requirements of CEI 0-21:2019-04.

ISO 9001 certificate:

Certificate no. 02819Q11035R1S, issued by Beijing Zhong-An-Zhi-Huan Certification Center Co., Ltd

Test report of CEI 0-21:2019-04:

Report no. BL-DG2290523-B01, issued by Shenzhen BALUN Technology Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701

Test report of EMC:

Report no. 4840919323800 and 4840919323801, issued by TÜV SÜD Certification and Testing(China) Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L2282

Report no. J22-383-WT, issued by Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L0130

This document is based on the evaluation of the samples of the above mentioned product(s). It does not imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV NORD mark. The holder of this document may use it in connection with the related test report(s).



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Version 1.4

Description of product(s):

| | | | | |
|---|-----------------------------------|-----------|-------------|-------------|
| Model types.....: | STT-50KTL | STT-60KTL | STT-50KTL-P | STT-60KTL-P |
| General information | | | | |
| Firmware.....: | V1.00 | | | |
| PV input | | | | |
| Vmax PV [V d.c.].....: | 1100 | | | |
| Mpp voltage range [V d.c.]..: | 200-950 | | 160-1000 | |
| Isc PV [A d.c.].....: | 6*30 | | 6*40 | |
| Max. input current [A d.c.]..: | 6*22 | | 6*26 | |
| Overvoltage category (OVC).....: | II | | | |
| AC output (Grid Side) parameters | | | | |
| Rated output voltage [V a.c.].....: | 3/N/PE~380/400V | | | |
| Rated output frequency [Hz].....: | 50/60 | | | |
| Rated output power [W].....: | 50000 | 60000 | 50000 | 60000 |
| Max. apparent power [W].....: | 55000 | 66000 | 55000 | 66000 |
| Max. output current [A a.c.]: | 83.6 | 95.3 | 83.6 | 95.3 |
| Power factor cosφ [λ].....: | 0.8 leading ... 1 ... 0.8 lagging | | | |
| Overvoltage category (OVC).....: | III | | | |



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