

Certificate of Conformity

Registered No.:

COC PVP03165/24E-01

File reference
PVP03165/24E-01

Test report No.
TRPVP03165/24E/01

Date of issue
2024-05-17

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-50KTL, STT-60KTL, STT-50KTL-P, STT-60KTL-P

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 0-16:2019-04, CEI 0-16; V1:2020-12, CEI 0-16; V2:2021-06
CEI 0-16:2022-03, CEI 0-16; V1:2022-11, CEI 0-16; V2:2023-05
See test report for detailed information.

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



Renewable Energy

BOS&ESS-T-004 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 0-16:2019-04, CEI 0-16; V1:2020-12, CEI 0-16; V2:2021-06

CEI 0-16:2022-03, CEI 0-16; V1:2022-11, CEI 0-16; V2:2023-05

ISO 9001 certificate:

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

Test report of

CEI 0-16:2019-04, CEI 0-16; V1:2020-12, CEI 0-16; V2:2021-06

CEI 0-16:2022-03, CEI 0-16; V1:2022-11, CEI 0-16; V2:2023-05

Report no. BL-DG2130958-B01 Rev.02, issued by Dongguan BALUN
Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L14701

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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P.R. China

Version 1.0

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.]:	30*6		40*6	
Max. input current [A d.c.]:	22*6		26*6	
Overvoltage category (OVC):	II			
AC output (Grid Side) parameters				
Rated output voltage [V a.c.]:	380/400			
Rated output frequency [Hz]:	50/60			
Rated output power [W]:	50000	60000	50000	60000
Max. apparent power [VA]:	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 ... 0.8 lagging			
Overvoltage category (OVC):	III			



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