

# Compliance Document

No. D 104339 0026 Rev. 01

**Holder of Certificate:** **Ningbo Sunways Technologies Co.,Ltd.**

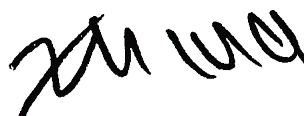
No. 1, Second Road  
Green Industrial Zone  
Chongshou Town  
315334 Cixi, Ningbo, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**Grid-Connected PV Inverter**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092001208-01

**Date,** 2023-01-10



( Zhengdong Ma )

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**Model(s):** STS-3KTL, STS-3KTL-P, STS-3.6KTL,  
STS-3.6KTL-P, STS-4.2KTL, STS-4.2KTL-P,  
STS-4.6KTL, STS-4.6KTL-P, STS-5KTL,  
STS-5KTL-P, STS-6KTL, STS-6KTL-P

## Parameters:

		The following generators meet the requirements of CEI 0-21:2022					
Section A	Manufacturer	Ningbo Sunways Technologies Co., Ltd. No. 1, Second Road, Green Industrial Zone, Chongshou Town 315334 Cixi, Ningbo, Zhejiang, PEOPLE'S REPUBLIC OF CHINA					
	Equipment type	Grid-Connected PV Inverter					
	Brand	sunways					
	Number of phase	<input checked="" type="checkbox"/> Single phase <input type="checkbox"/> Three phase Frequency: 50Hz Voltage: a.c. 230V					
	Primary energy used	<input checked="" type="checkbox"/> Solar <input type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other:					
	Generator model	STS-3KTL, STS-3KTL-P	STS-3.6KTL, STS-3.6KTL-P	STS-4.2KTL, STS-4.2KTL-P	STS-4.6KTL, STS-4.6KTL-P	STS-5KTL, STS-5KTL-P	STS-6KTL, STS-6KTL-P
	Rated power	3000 W / 3300 VA	3600 W / 3960 VA	4200 W / 4600 VA	4600 W / 4600 VA	5000 W / 5500 VA	6000 W / 6600 VA
	The generator:	<input type="checkbox"/> is suitable for installation in systems with an output power of more than 11.08 kW <input checked="" type="checkbox"/> is capable of limiting Idc to 0.5% of rated current <input checked="" type="checkbox"/> uses a DC-sensitive protection function <input type="checkbox"/> uses a transformer operating at mains frequency					
Section B	Characteristics of the interface protection system						
	Manufacturer	Ningbo Sunways Technologies Co., Ltd.					
	Model	STS-3KTL, STS-3KTL-P	STS-3.6KTL, STS-3.6KTL-P	STS-4.2KTL, STS-4.2KTL-P	STS-4.6KTL, STS-4.6KTL-P	STS-5KTL, STS-5KTL-P	STS-6KTL, STS-6KTL-P
	Type	<input checked="" type="checkbox"/> Integrated <input type="checkbox"/> Not integrated					

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Section C	Characteristics of inverter(s)						
	Model of inverter	STS-3KTL, STS-3KTL-P	STS-3.6KTL, STS-3.6KTL-P	STS-4.2KTL, STS-4.2KTL-P	STS-4.6KTL, STS-4.6KTL-P	STS-5KTL, STS-5KTL-P	STS-6KTL, STS-6KTL-P
	Rated power of inverter (P <sub>NINV</sub> )	3000 W	3600 W	4200 W	4600 W	5000 W	6000 W
	Manufacturer of inverter	Ningbo Sunways Technologies Co., Ltd.					
	Firmware version	V1.0					
Section I	References of the laboratories that performed the tests and their test reports (RdP)						
	Selected method	<input checked="" type="checkbox"/> Tests performed under the supervision of a certification body			<input checked="" type="checkbox"/> Tests performed by an accredited laboratory		
	Test Reports (RdP)	1) Test report according to Annex A & B: 70.409.20.012.01-00, 70.409.20.012.01-01			1) EMC test report: a) 4861921342300; b) C20-639-WT		
	Issued by	Testing lab: 1) Ningbo Sunways Technologies Co., Ltd. Tests performed under supervision of certifier from TÜV SÜD Product Service GmbH			Testing lab: 1) -a) TÜV SÜD Certification and Testing (China) Co., Ltd. 1) -b) Shanghai Inspection and Testing Institute of Instruments and Automation Systems Co., Ltd.		
	Accreditation No.	D-ZE-11321-01-00			1) -a) CNAS L2282 1) -b) CNAS L0130		
	Accreditation body reference	DAKKS			CNAS		
	Reference of the certification body						
Section M	Certification Body	TÜV SÜD Product Service GmbH					
		DAKKS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013					

**Tested** CEI 0-21:2022  
**according to:**