



Product Service

Attestation of Conformity

No. N8A 104339 0020 Rev. 00

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 Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 704092001206-00

Date, 2020-05-06

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(Zhengdong Ma)

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): STS-3KTL-S, STS-2.5KTL-S, STS-2KTL-S,
STS-1.5KTL-S, STS-1KTL-S.

Parameters:

Model Name	STS-1KTL-S	STS-1.5KTL-S	STS-2KTL-S
PV Input Ratings			
D.C. Max. Input Voltage	500Vd.c.	500Vd.c.	500Vd.c.
D.C. MPPT Voltage Range	80-450Vd.c.	80-450Vd.c.	80-450Vd.c.
D.C. Max. Input Current	12.5A	12.5A	12.5A
Isc PV	15A	15A	15A
AC Output Ratings			
A.C. Output Rated Voltage	230Va.c.	230Va.c.	230Va.c.
A.C. Output Rated Frequency	50/60Hz	50/60Hz	50/60Hz
A.C. Output Rated Power	1000W	1500W	2000W
A.C. Output Max. Apparent Power	1100VA	1650VA	2200VA
A.C. Output Rated Current	4.4A	6.5A	8.7A
A.C. Output Max. Current	4.8A	7.2A	9.6A
Power Factor	0.8 leading...0.8 lagging		
Protection Class	I		
Ingress Protection	IP65		
Overvoltage Category	II(PV), III(MAINS)		
Operating Temperature Range	-30°C ... +60°C		
Operating Altitude	3000m		
Inverter Topology	Non-isolated		

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Model Name	STS-2.5KTL-S	STS-3KTL-S
PV Input Ratings		
D.C. Max. Input Voltage	500Vd.c.	500Vd.c.
D.C. MPPT Voltage Range	80-450Vd.c.	80-450Vd.c.
D.C. Max. Input Current	12.5A	12.5A
Isc PV	15A	15A
AC Output Ratings		
A.C. Output Rated Voltage	230Va.c.	230Va.c.
A.C. Output Rated Frequency	50/60Hz	50/60Hz
A.C. Output Rated Power	2500W	3000W
A.C. Output Max. Apparent Power	2750VA	3300VA
A.C. Output Rated Current	10.9A	13.1A
A.C. Output Max. Current	12A	14.4A
Power Factor	0.8 leading...0.8 lagging	
Protection Class	I	
Ingress Protection	IP65	
Overvoltage Category	II(PV), III(MAINS)	
Operating Temperature Range	-30°C ... +60°C	
Operating Altitude	3000m	
Inverter Topology	Non-isolated	

Tested according to:

EN 62109-1:2010
EN 62109-2:2011

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