



Product Service

Compliance Document

No. D 104339 0023 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 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

Test report no.: 704092001207-00

Date, 2020-06-19


(Zhengdong Ma)

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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	50Hz	50Hz	50Hz
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		
Overtoltage 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	50Hz	50Hz
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 50549-1:2019/AC:2019