



Product Service

Attestation of Conformity

No. N8A 104339 0048 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. For details see: www.tuvsud.com/ps-cert

Test report no.:

704092001227-00

Date,

2021-04-29

(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.



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Model(s): STT-80KTL, STT-100KTL, STT-110KTL,
STT-100KTL-HV, STT-125KTL-HV.

Parameters:

Model Name	STT-80KTL	STT-100KTL	STT-110KTL
PV Input Ratings			
D.C. Max. Input Voltage	1100Vd.c.	1100Vd.c.	1100Vd.c.
D.C. MPPT Voltage Range	200-950Vd.c.	200-950Vd.c.	200-950Vd.c.
D.C. Max. Input Current	8 x 26A	10 x 26A	10 x 26A
Isc PV	8 x 40A	10 x 40A	10 x 40A
AC Output Ratings			
A.C. Output Rated Voltage	3/N/PE~ 380/400V	3/N/PE~ 380/400V	3/N/PE~ 380/400V
A.C. Output Rated Frequency	50/60Hz	50/60Hz	50/60Hz
A.C. Output Rated Power	80000W	100000W	110000W
A.C. Output Rated Apparent Power	80000VA	100000VA	110000VA
A.C. Output Max. Apparent Power	88000VA	110000VA	121000VA
A.C. Output Rated Current	115.5A	144.3A	158.8
A.C. Output Max. Current	127A	158.8A	174.8A
Power Factor	0.8 leading...0.8 lagging		
General Information			
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	STT-100KTL-HV	STT-125KTL-HV
PV Input Ratings		
D.C. Max. Input Voltage	1100Vd.c.	1100Vd.c.
D.C. MPPT Voltage Range	200-950Vd.c.	200-950Vd.c.
D.C. Max. Input Current	10 x 26A	10 x 26A
Isc PV	10 x 40A	10 x 40A
AC Output Ratings		
A.C. Output Rated Voltage	3/N/PE~ 480/500V	3/N/PE~ 480/500V
A.C. Output Rated Frequency	50/60Hz	50/60Hz
A.C. Output Rated Power	100000W	125000W
A.C. Output Rated Apparent Power	100000VA	125000VA
A.C. Output Max. Apparent Power	110000VA	137500VA
A.C. Output Rated Current	115.5A	144.3A
A.C. Output Max. Current	127A	158.8A
Power Factor	0.8 leading...0.8 lagging	
General Information		
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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