



Product Service

Attestation of Conformity

No. N8A 104339 0003 Rev. 03

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.:

704091914501-03

Date,

2021-10-19

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

Parameters:

Models	STS-3KTL	STS-3.6KTL	STS-4.2KTL	STS-4.6KTL	STS-5KTL	STS-6KTL
PV Input Ratings						
D.C. Max. Input Voltage:	DC 600V					
D.C. MPPT Voltage Range:	DC 100-550V					
D.C. Max. Input Current:	DC 12.5/12.5A					
Isc PV:	DC 15/15A					
AC Output Ratings						
A.C. Output Rated Voltage:	1/N/PE~ 230V					
A.C. Output Rated Frequency:	50Hz					
A.C. Output Rated Power:	3000W	3600W	4200W	4600W	5000W	6000W
A.C. Output Max. Apparent Power:	3300VA	3960VA	4600VA	4600VA	5500VA	6600VA
A.C. Output Max. Current:	AC 15A	AC 18A	AC 21A	AC 21A	AC 25A	AC 28.7A
Power Factor:	0.8 leading...0.8 lagging					
Protective Class:	I					
Ingress Protection:	IP65					
Overvoltage Category:	II(PV), III(MAINS)					
Operating Temperature Range:	-30°C ... +60°C					



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Models	STS-3KTL-P	STS-3.6KTL-P	STS-4.2KTL-P	STS-4.6KTL-P	STS-5KTL-P	STS-6KTL-P
PV Input Ratings						
D.C. Max. Input Voltage:	DC 600V					
D.C. MPPT Voltage Range:	DC 100-550V					
D.C. Max. Input Current:	DC 15/15A					
Isc PV:	DC 20/20A					
AC Output Ratings						
A.C. Output Rated Voltage:	1/N/PE~ 220/230V					
A.C. Output Rated Frequency:	50/60Hz					
A.C. Output Rated Power:	3000W	3600W	4200W	4600W	5000W	6000W
A.C. Output Rated Apparent Power:	3000VA	3600VA	4200VA	4600VA	5000VA	6000VA
A.C. Output Max. Apparent Power:	3300VA	3960VA	4600VA	4600VA	5500VA	6600VA
A.C. Output Max. Current:	15A	18A	21A	21A	25A	28.7A
A.C. Output Rated Current:	13A	15.7A	18.3A	20A	21.7A	26.1A
Power Factor:	0.8 leading...0.8 lagging					
Protective Class:	I					
Ingress Protection:	IP65					
Overvoltage Category:	II(PV), III(MAINS)					
Operating Temperature Range:	-30°C ... +60°C					
Operating Altitude	3000m					
Communication	RS485, WiFi/GPRS/LAN(Optional)					
Inverter Toplogy	Non-isolated					

Tested according to:

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