



Product Service

# Attestation of Conformity

No. N8A 104339 0061 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704092101621-00

**Date,** 2021-09-28

( 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-50KTL-P, STT-60KTL-P

## Parameters:

Model Name	STT-50KTL-P	STT-60KTL-P
PV input ratings		
D.C. Max. input voltage	1100Vd.c.	1100Vd.c.
D.C. MPPT voltage range	160-1000Vd.c.	160-1000Vd.c.
D.C. Max. input current	6*26Ad.c.	6*26Ad.c.
Isc PV	6*40Ad.c.	6*40Ad.c.
AC output ratings		
A.C. Output rated voltage	3/N/PE~ 230/400V	3/N/PE~ 230/400V
A.C. Output rated frequency	50/60Hz	50/60Hz
A.C. Output rated power	50kW	60kW
A.C. Output Max. apparent power	55kVA	66kVA
A.C. Output Rated current	72,5Aa.c.	87Aa.c.
A.C. Output Max. current	83,6Aa.c.	95,3Aa.c.
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