



Product Service

Compliance Document

No. D 104339 0025 Rev. 01

Holder of Certificate: **Ningbo Sunways Technologies Co.,Ltd.**
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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.: 704092001210-01

Date, 2021-07-16

(Zhengdong Ma)

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Model(s): STT-4KTL-P, STT-5KTL-P, STT-6KTL-P,
STT-8KTL-P, STT-10KTL-P, STT-12KTL-P,
STT-15KTL-P, STT-17KTL-P, STT-20KTL-P,
STT-25KTL-P.

Parameters:

Model Name	STT-4KTL-P	STT-5KTL-P	STT-6KTL-P	STT-8KTL-P
PV input parameters				
Max. input voltage	1100 Vd.c.			
MPPT voltage range	160...1000 Vd.c.			
Max. input current	15/15 Ad.c.			
Isc PV	20/20 Ad.c.			
AC output parameters				
Output rated voltage	3/N/PE,230/400 Va.c.			
Output rated frequency	50 Hz			
Output rated power	4000 W	5000 W	6000 W	8000 W
Output Max. apparent power	4400 VA	5500 VA	6600 VA	8800 VA
Output Rated current	5,8 Aa.c.	7,3 Aa.c.	8,7 Aa.c.	11,6 Aa.c.
Output Max. current	6,7 Aa.c.	8,4 Aa.c.	10 Aa.c.	13,3 Aa.c.
Power factor	0.8 leading...0.8 lagging			
Others				
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	STT-10KTL-P	STT-12KTL-P	STT-15KTL-P	STT-17KTL-P
PV input parameters				
Max. input voltage	1100 Vd.c.			
MPPT voltage range	160...1000 Vd.c.			
Max. input current	15/15 Ad.c.		15/30 Ad.c.	30/30 Ad.c.
Isc PV	20/20 Ad.c.		20/40 Ad.c.	40/40 Ad.c.
AC output parameters				
Output rated voltage	3/N/PE,230/400 Va.c.			
Output rated frequency	50 Hz			
Output rated power	10000 W	12000 W	15000 W	17000 W
Output Max. apparent power	11000 VA	13200 VA	16500 VA	18700 VA
Output Rated current	14,5 Aa.c.	17,4 Aa.c.	21,7 Aa.c.	24,6 Aa.c.
Output Max. current	16,5 Aa.c.	20 Aa.c.	25 Aa.c.	28,4 Aa.c.
Power factor	0.8 leading...0.8 lagging			
Others				
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-20KTL-P	STT-25KTL-P
PV input parameters		
Max. input voltage	1100Vd.c.	
MPPT voltage range	160...1000 Vd.c.	
Max. input current	30/30 Ad.c.	
Isc PV	40/40 Ad.c.	
AC output parameters		
Output rated voltage	3/N/PE,230/400 Va.c.	
Output rated frequency	50 Hz	
Output rated power	20000 W	25000 W
Output Max. apparent power	22000 VA	25000 VA
Output Rated current	29 Aa.c.	36,2 Aa.c.
Output Max. current	31,9 Aa.c.	39 Aa.c.
Power factor	0.8 leading...0.8 lagging	
Others		
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