



Product Service

Compliance Document

No. D 104339 0038 Rev. 00

Holder of Certificate: **Ningbo Sunways Technologies Co.,Ltd.**
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Green Industrial Zone
Chongshou Town
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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.: 704092001213-00

Date, 2020-11-26

(Zhengdong Ma)

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

Parameters:

Model Name	STT-4KTL	STT-5KTL	STT-6KTL	STT-8KTL
PV input parameters				
Max. input voltage	1100 Vd.c.			
MPPT voltage range	200...950 Vd.c.			
Max. input current	11 Ad.c. / 11 Ad.c.			
Isc PV	15 Ad.c. / 15 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			
Inverter topology	Non-isolated			

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Model Name	STT-10KTL	STT-12KTL	STT-15KTL
PV input parameters			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	200...950 Vd.c.		
Max. input current	11 Ad.c./11 Ad.c.		11 Ad.c./22 Ad.c.
Isc PV	15 Ad.c./15 Ad.c.		15 Ad.c./30 Ad.c.
AC output parameters			
Output rated voltage	3/N/PE,230/400 Va.c.		
Output rated frequency	50Hz		
Output rated power	10000 W	12000 W	15000 W
Output Max. apparent power	11000 VA	13200 VA	16500 VA
Output Rated current	14,5 Aa.c.	17,4 Aa.c.	21,7 Aa.c.
Output Max. current	16,5 Aa.c.	20 Aa.c.	25 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		
Inverter topology	Non-isolated		

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Model Name	STT-17KTL	STT-20KTL	STT-25KTL
PV input parameters			
Max. input voltage	1100 Vd.c.		
MPPT voltage range	200...950 Vd.c.		
Max. input current	22 Ad.c./22 Ad.c.		
Isc PV	30 Ad.c./30 Ad.c.		
AC output parameters			
Output rated voltage	3/N/PE,230/400 Va.c.		
Output rated frequency	50 Hz		
Output rated power	17000 W	20000 W	25000 W
Output Max. apparent power	18700 VA	22000 VA	25000 VA
Output Rated current	24,6 Aa.c.	29 Aa.c.	36,2 Aa.c.
Output Max. current	28,4 Aa.c.	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		
Inverter topology	Non-isolated		

**Tested
according to:**

C10/11:2019