

Compliance Document

No. D 104339 0025 Rev. 00

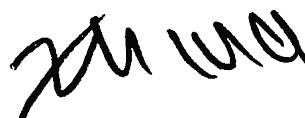
Holder of Certificate: **Ningbo Sunways Technologies Co.,Ltd.**
No. 1,Second Road
Green Industrial Zone
Chongshou Town
315334 Cixi,Ningbo,Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
GRID-CONNECTED PV INVERTER

This 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.: 704092001210-00

Date, 2020-07-15



(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	STT-10KTL
PV input ratings					
D.C. Max. input voltage	1100Vd.c.				
D.C. MPPT voltage range	200...950Vd.c.				
D.C. Max. input current	11/11A				
Isc PV	15/15A				
AC output ratings					
A.C. Output rated voltage	3/N/PE,230/400V				
A.C. Output rated frequency	50Hz				
A.C. Output rated power	4000W	5000W	6000W	8000W	10000W
A.C. Output Max. apparent power	4400VA	5000VA	6600VA	8800VA	11000VA
A.C. Output Rated current	5,8A	7,3A	8,7A	11,6A	14,5A
A.C. Output Max. current	6,7A	8,4A	10A	13,3A	16,5A
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-12KTL	STT-15KTL	STT-17KTL	STT-20KTL	STT-25KTL
PV input ratings					
D.C. Max. input voltage	1100Vd.c.				
D.C. MPPT voltage range	200...950Vd.c.				
D.C. Max. input current	11/11A	11/22A	22/22A		
Isc PV	15/15A	15/30A	30/30A		
AC output ratings					
A.C. Output rated voltage	3/N/PE,230/400V				
A.C. Output rated frequency	50Hz				
A.C. Output rated power	12000W	15000W	17000W	20000W	25000W
A.C. Output Max. apparent power	13200VA	16500VA	18700VA	22000VA	25000VA
A.C. Output Rated current	17,4A	21,7A	24,6A	29A	36,2A
A.C. Output Max. current	20A	25A	28,4A	31,9A	39A
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