

Compliance Document

No. D 104339 0037 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

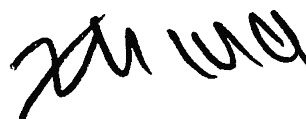
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Test report no.:

704092001220-00

Date,

2020-10-27



(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
PV Input Parameters			
Max. Input Voltage	1100 Vd.c.		
MPPT Voltage Range	200-950 Vd.c.		
Max. Input Current	11/11 Ad.c.		
Isc PV	15/15 Ad.c.		
AC Output Parameters			
Output Rated Voltage	230 Va.c.		
Output Rated Frequency	50 Hz		
Output Rated Power	4000 W	5000 W	6000 W
Output Rated Apparent Power	4000 VA	5000 VA	6000 VA
Output Max. Apparent Power	4400 VA	5500 VA	6600 VA
Output Rated Current	5,8 Aa.c.	7,3 Aa.c.	8,7 Aa.c.
Output Max. Current	6,7 Aa.c.	8,4 Aa.c.	10 Aa.c.
Power Factor (adj.)	0,8 leading...0,8 lagging		
Others			
Protection Class	I		
Ingress Protection	IP65		
Operating Temperature Range	-30°C ... +60°C		
Inverter Topology	Non-isolated		

Model Name	STT-8KTL	STT-10KTL	STT-12KTL
PV Input Parameters			
Max. Input Voltage	1100 Vd.c.		
MPPT Voltage Range	200-950 Vd.c.		
Max. Input Current	11/11 Ad.c.		
Isc PV	15/15 Ad.c.		
AC Output Parameters			
Output Rated Voltage	230 Va.c.		
Output Rated Frequency	50 Hz		
Output Rated Power	8000 W	10000 W	12000 W
Output Rated Apparent Power	8000 VA	10000 VA	12000 VA
Output Max. Apparent Power	8800 VA	11000 VA	13200 VA
Output Rated Current	11,6 Aa.c.	14,5 Aa.c.	17,4 Aa.c.
Output Max. Current	13,3 Aa.c.	16,5 Aa.c.	20 Aa.c.
Power Factor (adj.)	0,8 leading...0,8 lagging		
Others			
Protection Class	I		
Ingress Protection	IP65		
Operating Temperature Range	-30°C ... +60°C		
Inverter Topology	Non-isolated		

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Model Name	STT-15KTL	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	11/22 Ad.c.	22/22 Ad.c.		
Isc PV	15/30 Ad.c.	30/30 Ad.c.		
AC Output Parameters				
Output Rated Voltage	230 Va.c.			
Output Rated Frequency	50 Hz			
Output Rated Power	15000 W	17000 W	20000 W	25000 W
Output Rated Apparent Power	15000 VA	17000 VA	20000 VA	25000 VA
Output Max. Apparent Power	16500 VA	18700 VA	22000 VA	25000 VA
Output Rated Current	21,7 Aa.c.	24,6 Aa.c.	29 Aa.c.	36,2 Aa.c.
Output Max. Current	25 Aa.c.	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			
Operating Temperature Range	-30°C ... +60°C			
Inverter Topology	Non-isolated			

**Tested
according to:**

CEI 0-16:2019