

# Compliance Document

No. D 104339 0038 Rev. 01

**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**

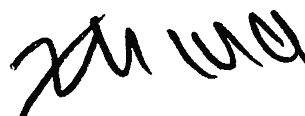
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**Test report no.:**

704092001213-01

**Date,**

2022-04-20



( 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, 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:**

Please see the page 3 to 6

**Tested  
according to:**

C10/11:2021

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Model Name	STT-4KTL	STT-5KTL	STT-6KTL	STT-8KTL	STT-10KTL
PV input parameters					
D.C. Max. Input Voltage	1100 Vd.c.				
MPPT voltage range	200-950 Vd.c.				
D.C. Max. Input Current	11/11 A				
Isc PV	15/15 A				
AC output parameters					
Rated output voltage	3/N/PE~, 230/400 V				
Rated output Frequency	50Hz				
Rated output power	4000 W	5000 W	6000 W	8000 W	10000 W
Max. output apparent power	4400 VA	5500 VA	6600 VA	8800 VA	11000 VA
Rated output current	5.8 Aa.c.	7.3 Aa.c.	8.7 Aa.c.	11.6 Aa.c.	14.5 Aa.c.
Max. output Current	6.7 Aa.c.	8.4 Aa.c.	10 Aa.c.	13.3 Aa.c.	16.5 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 rang	-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 parameters					
D.C. Max. Input Voltage	1100 Vd.c.				
MPPT voltage range	200...950 Vd.c.				
D.C. Max. Input Current	11/11 Ad.c.	11/22 Ad.c.	22/22 Ad.c.		
Isc PV	15/15 Ad.c.	15/30 Ad.c.	30/30 Ad.c.		
AC output parameters					
Rated output voltage	3/N/PE~, 230/400 V				
Rated output frequency	50 Hz				
Rated output power	12000 W	15000 W	17000 W	20000 W	25000 W
Max. output apparent power	13200 VA	16500 VA	18700 VA	22000 VA	25000 VA
Rated output current	17.4 Aa.c.	21.7 Aa.c.	24.6 Aa.c.	29 Aa.c.	36.2 Aa.c.
Max. output current	20 Aa.c.	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	IP 65				
Overvoltage category	II(PV), III(MAINS)				
Operating temperature range	-30°C ... +60°C				
Operating altitude	3000 m				
Inverter topology	Non-isolated				

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Model Name	STT-4KTL-P	STT-5KTL-P	STT-6KTL-P	STT-8KTL-P	STT-10KTL-P
PV input parameters					
D.C. Max. Input Voltage	1100 Vd.c.				
MPPT voltage range	160...1000 Vd.c.				
D.C. Max. Input Current	15/15 Ad.c.				
Isc PV	20/20 Ad.c.				
AC output parameters					
Rated output voltage	3/N/PE~, 230/400 V				
Rated output frequency	50 Hz				
Rated output power	4000 W	5000 W	6000 W	8000 W	10000 W
Max. output apparent power	4400 VA	5500 VA	6600 VA	8800 VA	11000 VA
Rated output current	5.8 Aa.c.	7.3 Aa.c.	8.7 Aa.c.	11.6 Aa.c.	14.5 Aa.c.
Max. output current	6.7 Aa.c.	8.4 Aa.c.	10 Aa.c.	13.3 Aa.c.	16.5 Aa.c.
Power factor	0.8 leading...0.8 lagging				
Others					
Protection class	I				
Ingress protection	IP 65				
Overvoltage category	II(PV), III(MAINS)				
Operating temperature range	-30°C ... +60°C				
Operating altitude	3000 m				
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Model Name	STT-12KTL-P	STT-15KTL-P	STT-17KTL-P	STT-20KTL-P	STT-25KTL-P
PV input parameters					
D.C. Max. Input Voltage	1100 Vd.c.				
MPPT voltage range	160...1000 Vd.c.				
D.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					
Rated output voltage	3/N/PE~, 230/400 V				
Rated output frequency	50 Hz				
Rated output power	12000 W	15000 W	17000 W	20000 W	25000 W
Max. output apparent power	13200 VA	16500 VA	18700 VA	22000 VA	25000 VA
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Max. output current	20 Aa.c.	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	IP 65				
Overvoltage category	II(PV), III(MAINS)				
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Operating altitude	3000 m				
Inverter topology	Non-isolated				