

Compliance Document

No. D 104339 0049 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

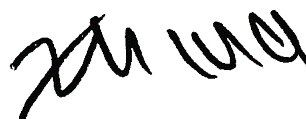
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Test report no.:

704092001228-00

Date,

2021-04-29



(Zhengdong Ma)

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Model(s): STT-80KTL, STT-100KTL, STT-110KTL,
STT-100KTL-HV, STT-125KTL-HV.

Parameters:

Model Name	STT-80KTL	STT-100KTL	STT-110KTL
PV Input Ratings			
D.C. Max. Input Voltage	1100Vd.c.	1100Vd.c.	1100Vd.c.
D.C. MPPT Voltage Range	200-950Vd.c.	200-950Vd.c.	200-950Vd.c.
D.C. Max. Input Current	8 x 26A	10 x 26A	10 x 26A
Isc PV	8 x 40A	10 x 40A	10 x 40A
AC Output Ratings			
A.C. Output Rated Voltage	3/N/PE~ 380/400V	3/N/PE~ 380/400V	3/N/PE~ 380/400V
A.C. Output Rated Frequency	50/60Hz	50/60Hz	50/60Hz
A.C. Output Rated Power	80000W	100000W	110000W
A.C. Output Rated Apparent Power	80000VA	100000VA	110000VA
A.C. Output Max. Apparent Power	88000VA	110000VA	121000VA
A.C. Output Rated Current	115.5A	144.3A	158.8
A.C. Output Max. Current	127A	158.8A	174.8A
Power Factor	0.8 leading...0.8 lagging		
General Information			
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-100KTL-HV	STT-125KTL-HV
PV Input Ratings		
D.C. Max. Input Voltage	1100Vd.c.	1100Vd.c.
D.C. MPPT Voltage Range	200-950Vd.c.	200-950Vd.c.
D.C. Max. Input Current	10 x 26A	10 x 26A
Isc PV	10 x 40A	10 x 40A
AC Output Ratings		
A.C. Output Rated Voltage	3/N/PE~ 480/500V	3/N/PE~ 480/500V
A.C. Output Rated Frequency	50/60Hz	50/60Hz
A.C. Output Rated Power	100000W	125000W
A.C. Output Rated Apparent Power	100000VA	125000VA
A.C. Output Max. Apparent Power	110000VA	137500VA
A.C. Output Rated Current	115.5A	144.3A
A.C. Output Max. Current	127A	158.8A
Power Factor	0.8 leading...0.8 lagging	
General Information		
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:**

IEC 60068-2-1:2007
 IEC 60068-2-2:2007
 IEC 60068-2-14:2009
 IEC 60068-2-30:2005
 IEC 61727:2004
 IEC 62116:2014
 IEC 61683:1999