

Compliance Document

No. D 104339 0053 Rev. 00

Holder of Certificate: **Ningbo Sunways Technologies Co.,Ltd.**

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Green Industrial Zone
Chongshou Town
315334 Cixi,Ningbo,Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product:

Converter
GRID-CONNECTED PV INVERTER

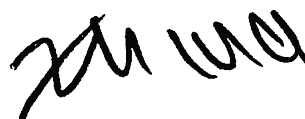
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Test report no.:

704092101614-00

Date,

2021-07-02



(Zhengdong Ma)

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Model(s): STS-4.2KTL, STS-4.6KTL, STS-5KTL, STS-6KTL

Parameters:

Model Name	STS-4.2KTL	STS-4.6KTL	STS-5KTL	STS-6KTL
PV input parameters				
Max. input voltage	600 Vd.c.			
MPPT voltage range	100-550 Vd.c.			
Max. input current	12.5/12.5 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	4200 W	4600 W	5000 W	6000 W
Output rated apparent power	4200 VA	4600 VA	5000 VA	6000 VA
Output Max. apparent power	4600 VA	4600 VA	5500 VA	6600 VA
Output Rated current	18,3 Aa.c.	20 Aa.c.	21,7 Aa.c.	26,1 Aa.c.
Output Max. current	21 Aa.c.	21 Aa.c.	25 Aa.c.	28,7 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			
Operating altitude	3000m			
Inverter topology	Non-isolated			

Tested according to:

G99/1-6:2020