

Compliance Document

No. D 077831 0019 Rev. 00

Holder of Certificate: **Guangzhou Sanjing Electric Co., Ltd.**
No.9, Lizhishan Road, Science City
510663 Guangzhou High-tech Zone, Guangdong
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(Hybrid Solar 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.: 64290203078801

Date, 2021-09-10



(Billy Qiu)

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Model(s): H1-3K-S2, H1-3.6K-S2, H1-4K-S2,
H1-4.6K-LS2, H1-5K-LS2, H1-4.6K-S2,
H1-5K-S2

Parameters:

Model:	H1-3K-S2	H1-3.6K-S2	H1-4K-S2
PV input parameter			
Input voltage range	80~600 Vd.c.		
Maximum input voltage	600 Vd.c.		
Maximum input current	12.5*2 Ad.c.		
PV I _{SC}	15*2 Ad.c.		
Battery input/output parameter			
Input voltage range	42~58.4 Vd.c.		
Maximum input/output voltage	58.4 Vd.c.		
Maximum input/output current	60 Ad.c.		
Grid parameter			
Rated voltage	230 Va.c.		
Rated frequency	50 Hz		
Rated current	13.1 Aa.c.	16.0 Aa.c.	17.4 Aa.c.
Maximum continuous current	13.6 Aa.c.	16.7 Aa.c.	18.2 Aa.c.
Rated output active power	3 kW	3.68 kW	4 kW
Power factor	0.98 leading to 0.98 lagging		
Protection class	Class I		
Back-up parameter			
Rated output voltage	230 Va.c.		
Rated output frequency	50 Hz		
Maximum output active power	3 kW		

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Model:	H1-4.6K-LS2	H1-5K-LS2	H1-4.6K-S2	H1-5K-S2
PV input parameter				
Input voltage range	80~600 Vd.c.			
Maximum input voltage	600 Vd.c.			
Maximum input current	12.5*2 Ad.c.			
PV ISC	15*2 Ad.c.			
Battery input/output parameter				
Input voltage range	42~58.4 Vd.c.			
Maximum input/output voltage	58.4 Vd.c.			
Maximum input/output current	60 Ad.c.	100 Ad.c.		
Grid parameter				
Rated voltage	230 Va.c.			
Rated frequency	50 Hz			
Rated current	20.0 Aa.c.	20.0 Aa.c.	20.0 Aa.c.	20.0 Aa.c.
Maximum continuous current	20.9 Aa.c.	20.9 Aa.c.	20.9 Aa.c.	20.9 Aa.c.
Rated active power	4.6 kW	4.6 kW	4.6 kW	4.6 kW
Power factor	0.98 leading to 0.98 lagging			
Protection class	Class I			
Back-up parameter				
Rated output voltage	230 Va.c.			
Rated output frequency	50 Hz			
Maximum output active power	3 kW	4.6 kW	5 kW	

Remark:

The utility interface of small-scale embedded generation is evaluated according to NRS 097-2-1:2017 edition 2.1.

**Tested
according to:**

NRS 097-2-1:2017 Edition 2.1