

Compliance Document

No. D 041829 4910 Rev. 00

Holder of Certificate: **Huawei Technologies Co., Ltd.**
Administration Building
Headquarters of Huawei Technologies Co., Ltd.
Bantian, Longgang District
518129 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **PV inverter**
(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.: 64290223138201

Date, 2023-01-11



(Billy Qiu)

Compliance Document

No. D 041829 4910 Rev. 00

Model(s): SUN2000-330KTL-H1, SUN2000-330KTL-H2

Parameters:

	SUN2000-330KTL-H1	SUN2000-330KTL-H2
PV input parameter		
Maximum input voltage	1500 Vd.c.	
MPPT voltage range	500~1500 Vd.c.	
Maximum input current	6*65 Ad.c.	
PV I _{SC}	6*115 Ad.c.	
Grid parameter		
Rated output voltage	800 Va.c., 3W~ +PE	
Rated output frequency	50 Hz	
Rated output current	216.5 Aa.c.	198.4 Aa.c.
Maximum continuous output current	238.2 Aa.c.	238.2 Aa.c.
Rated output active power	300000 W	275000 W
Maximum continuous output power	330000 W	330000 W
Maximum continuous output apparent power	330000 VA	330000 VA
Power factor	0.8 leading to 0.8 lagging	

Remark:

1. The protection system of the inverter is evaluated at a power of ≤ 250 KVA, if the single access to ≥ 250 KVA power plant should be installed External protective device. The protection test according to DIN VDE 0126-1-1 (VDE V 0126-1-1):2013-08, specially with consideration of "Enedis-FOR-RES_18E - Information Collection Cards for a Connection Proposal before the file is complete and for a Connection Offer, to the Public Distribution Network managed by Enedis, of a Photovoltaic Production Installation with power greater than 36 kVA (Version 18)". The setting of the integrated protection system of DIN VDE 0126-1-1/A1 VFR 2019 is as follows:

- 1) Over voltage (stage 1: 10 min. mean value): 1.10 Un;
- 2) Over voltage for phase voltage and line voltage (stage 2): 1.15 Un;
- 3) Under voltage for phase voltage and line voltage: 0.80 Un;
- 4) Over frequency: 51.5 Hz;
- 5) Under frequency: 47.5 Hz.

2. The installation of this PV grid-interactive inverter in the PV plant shall further comply with "Guide Pratique UTE C 15-712-1:2013, Photovoltaic installations without storage and connected to the public distribution network.

Compliance Document

No. D 041829 4910 Rev. 00

**Tested
according to:**

UTE C15-712-1:2013
DIN VDE 0126-1-1:2013 (with national deviation of France: DIN
VDE 0126-1-1 VFR 2019)