

Compliance Document

No. D 041829 4814 Rev. 00

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

Product: **Converter
(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.: 64290223090601

Date, 2022-09-14



(Billy Qiu)

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Model(s): **SUN2000-50KTL-M3**

Parameters:

Model:	SUN2000-50KTL-M3
PV Input Parameters	
d.c. Max. Input Voltage	1100Vd.c.
d.c. Max. Input Current	30A/30A/30A/30A
I _{sc} PV	40A/40A/40A/40A
Start Voltage	200V
MPPT Operating Voltage Range	200 V~1000 V d.c.
Rated Input Voltage	600V
Grid Output Parameters	
a.c. Output Rated Power	50 kW
a.c. Output Max. Apparent Power	55 kVA
a.c. Output Nominal Voltage	230/400V a.c., 3W/N+PE
a.c. Output Nominal Operating Frequency	50 Hz
a.c. Output Max. Current	79.8 A
Adjustable Power Factor Range	0.8 lagging... 0.8 leading

Remark:

1. The grid connection protection system is evaluated 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)".

2. The software setting of integrated grid protection system in machine is selected as "UTE C 15-712-1 A" with following protection parameter:

- 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.

3. 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.



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**Tested
according to:**

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