



Product Service

Compliance Document

No. D 041829 4825 Rev. 00

Holder of Certificate: **Huawei Technologies Co., Ltd.**
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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, 2022-09-22

(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	60 Hz
a.c. Output Max. Current	79.8 A
Adjustable Power Factor Range	0.8 lagging... 0.8 leading

Remark:

- 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 "EDT:2011".
- The software setting of integrated grid protection system in machine is selected as "UTE C 15-712-1 C" with following protection parameter:
 - Over voltage (stage 1: 10 min. mean value): 1.10 Un;
 - Over voltage for phase voltage and line voltage (stage 2): 1.15 Un;
 - Under voltage for phase voltage and line voltage: 0.80 Un;
 - Over frequency: 62.5 Hz;
 - Under frequency: 55.0 Hz.
- The installation of the product must meet the requirements of the local distribution system operator and be installed by a professional.

Tested according to:

DIN VDE 0126-1-1 (VDE V 0126-1-1):2013