



Product Service

# Attestation of Conformity

No. N8A 041829 3912 Rev. 02

**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:** **Converter**  
**SOLAR INVERTER**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704091917504-03

**Date,** 2022-09-06

( Zhengdong Ma )

Page 1 of 4

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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**Model(s):** SUN2000-125KTL-M0, SUN2000-110KTL-M0, SUN2000-100KTL-M0, SUN2000-100KTL-M1, SUN2000-100KTL-INM0, SUN2000-75KTL-M1, SUN2000-115KTL-M2, SUN2000-110KTL-M2, SUN2000-100KTL-M2.

## Parameters:

Model	SUN2000-125KTL-M0	SUN2000-110KTL-M0	SUN2000-100KTL-M0
d.c. Max. Input Voltage:	1100V	1100V	1100V
d.c. Max. Input Current:	10 x 26A	10 x 26A	10 x 26A
Isc PV:	10 x 40A	10 x 40A	10 x 40A
d.c. MPP Voltage Range:	200 – 1000V	200 – 1000V	200 – 1000V
a.c. Output Nominal Voltage:	3~ 500V	3/N/PE~ 380/400V	3/N/PE~ 380/400V
a.c. Nominal Operating Frequency:	50Hz	50/60Hz	50/60Hz
a.c. Output Rated Power:	125kW	110kW	100kW
a.c. Output Max. Apparent Power:	137.5kVA	121kVA	110kVA
a.c. Output Max. Current:	160.4A	185.7A (380Va.c.) 176.4A (400Va.c.)	168.8A (380Va.c.) 160.4A (400Va.c.)
Power Factor:	0.8 (lagging)... 0.8(leading)	0.8 (lagging)... 0.8(leading)	0.8 (lagging)... 0.8(leading)
Operating Temperature Range:	-25 ... +60°C	-25°C ... +60°C	-25°C ... +60°C
Inverter Topology:	Non-Isolation	Non-Isolation	Non-Isolation
Enclosure:	IP66	IP66	IP66
Protection Class:	Class I	Class I	Class I
Overvoltage Category:	II(DC), III(AC)	II(DC), III(AC)	II(DC), III(AC))
Pollution Degree:	III	III	III
Altitude:	4000m	4000m	4000m



Product Service

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Model	SUN2000-100KTL-M1	SUN2000-100KTL-INM0	SUN2000-75KTL-M1
d.c. Max. Input Voltage:	1100V	1100V	1100V
d.c. Max. Input Current:	10 x 26A	10 x 26A	10 x 26A
Isc PV:	10 x 40A	10 x 40A	10 x 40A
d.c. MPP Voltage Range:	200 – 1000V	200 – 1000V	200 – 1000V
a.c. Output Nominal Voltage:	3/N/PE~ 380/400V 3~ 480V	3/N/PE~ 415V 3~ 480V	3/N/PE~ 380/400V 3~ 480V
a.c. Nominal Operating Frequency:	50/60Hz	50/60Hz	50/60Hz
a.c. Output Rated Power:	100kW	100kW	75kW
a.c. Output Max. Apparent Power:	110kVA	110kVA	75kVA
a.c. Output Max. Current:	168.8A (380Va.c.) 160.4A (400Va.c.) 133.7A (480Va.c.)	154.6A (415Va.c.) 133.7A (480Va.c.)	113.6A (380Va.c.) 108.6A (400Va.c.) 90.25A (480Va.c.)
Power Factor:	0.8 (lagging)... 0.8(leading)	0.8 (lagging)... 0.8(leading)	0.8 (lagging)... 0.8(leading)
Operating Temperature Range:	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C
Inverter Topology:	Non-Isolation	Non-Isolation	Non-Isolation
Enclosure:	IP66	IP66	IP66
Protection Class:	Class I	Class I	Class I
Overvoltage Category:	II(DC), III(AC))	II(DC), III(AC)	II(DC), III(AC))
Pollution Degree:	III	III	III
Altitude:	4000m	4000m	4000m



Product Service

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Model	SUN2000-115KTL-M2	SUN2000-110KTL-M2	SUN2000-100KTL-M2
d.c. Max. Input Voltage:	1100V	1100V	1100V
d.c. Max. Input Current:	10 x 30A	10 x 30A	10 x 30A
Isc PV:	10 x 40A	10 x 40A	10 x 40A
d.c. MPP Voltage Range:	200 – 1000V	200 – 1000V	200 – 1000V
a.c. Output Nominal Voltage:	3/N/PE~ 400V 3~ 480V	3/N/PE~ 380/400V	3/N/PE~ 380/400V 3~ 480V
a.c. Nominal Operating Frequency:	50/60Hz	50/60Hz	50/60Hz
a.c. Output Rated Power:	115kW	110kW	100kW
a.c. Output Max. Apparent Power:	125kVA	121kVA	110kVA
a.c. Output Max. Current:	182.3A (400Va.c.) 151.9A (480Va.c.)	185.7A (380Va.c.) 176.4A (400Va.c.)	168.8A (380Va.c.) 160.4A (400Va.c.) 133.7A (480Va.c.)
Power Factor:	0.8 (lagging)... 0.8(leading)	0.8 (lagging)... 0.8(leading)	0.8 (lagging)... 0.8(leading)
Operating Temperature Range:	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C
Inverter Topology:	Non-Isolation	Non-Isolation	Non-Isolation
Enclosure:	IP66	IP66	IP66
Protection Class:	Class I	Class I	Class I
Overvoltage Category:	II(DC), III(AC))	II(DC), III(AC)	II(DC), III(AC))
Pollution Degree:	III	III	III
Altitude:	4000m	4000m	4000m

**Tested according to:**

EN 62109-1:2010  
EN 62109-2:2011

Page 4 of 4

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