



Product Service

Attestation of Conformity

No. N8A 041829 3694 Rev. 03

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

Test report no.: 704091917501-03

Date, 2021-04-22

(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): SUN2000-175KTL-H0, SUN2000-185KTL-INH0,
 SUN2000-168KTL-H1, SUN2000-185KTL-H1,
 SUN2000-196KTL-H0, SUN2000-200KTL-H2,
 SUN2000-215KTL-H0, SUN2000-196KTL-H3,
 SUN2000-200KTL-H3, SUN2000-215KTL-H3.

Parameters:

Model	SUN2000-168KTL-H1	SUN2000-175KTL-H0	SUN2000-185KTL-H1	SUN2000-185KTL-INH0
d.c. Max. Input Voltage:	1500VDC	1500VDC	1500VDC	1500VDC
d.c. Max. Input Current:	9 x 26A	9 x 26A	9 x 26A	9 x 26A
Isc PV:	9 x 40A	9 x 40A	9 x 40A	9 x 40A
MPP Voltage Range:	500VDC – 1500VDC	500VDC – 1500VDC	500VDC – 1500VDC	500VDC – 1500VDC
a.c. Output Nominal Voltage:	3~ 800V	3~ 800V	3~ 800V	3~ 800V
a.c. Nominal Operating Frequency:	50Hz / 60Hz	50Hz	50Hz / 60Hz	50Hz / 60Hz
a.c. Max. Output Current:	122,5A	140,7A	134,9A	134,9A
a.c. Rated Output Power:	150kW	175kW	175kW	160kW
a.c. Max. Output Power:	168kVA	193kVA	185kVA	185kVA
Power Factor:	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging
Inverter Topology	Non-Isolation	Non-Isolation	Non-Isolation	Non-Isolation
Protection Class:	Class I	Class I	Class I	Class I
Ingress Protection:	IP66	IP66	IP66	IP66
Overtoltage Category:	II(PV), III(MAINS)	II(PV), III(MAINS)	II(PV), III(MAINS)	II(PV), III(MAINS)
Operating Temperature Range:	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C



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No. N8A 041829 3694 Rev. 03

Model	SUN2000-196KTL-H0	SUN2000-200KTL-H2	SUN2000-215KTL-H0
d.c. Max. Input Voltage:	1500VDC	1500VDC	1500VDC
d.c. Max. Input Current:	9 x 30A	9 x 30A	9 x 30A
Isc PV:	9 x 50A	9 x 50A	9 x 50A
MPP Voltage Range:	500VDC – 1500VDC	500VDC – 1500VDC	500VDC – 1500VDC
a.c. Output Nominal Voltage:	3~ 800V	3~ 800V	3~ 800V
a.c. Nominal Operating Frequency:	50Hz	50Hz / 60Hz	50Hz / 60Hz
a.c. Max. Output Current:	155,9A	155,2A	155,2A
a.c. Rated Output Power:	196kW	185kW	200kW
a.c. Max. Output Power:	216kVA	215kVA	215kVA
Power Factor:	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging
Inverter Topology	Non-Isolation	Non-Isolation	Non-Isolation
Protection Class:	Class I	Class I	Class I
Ingress Protection:	IP66	IP66	IP66
Overtoltage Category:	II(PV), III(MAINS)	II(PV), III(MAINS)	II(PV), III(MAINS)
Operating Temperature Range:	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C

Page 3 of 4

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Attestation of Conformity

No. N8A 041829 3694 Rev. 03

Model	SUN2000-196KTL-H3	SUN2000-200KTL-H3	SUN2000-215KTL-H3
d.c. Max. Input Voltage:	1500VDC	1500VDC	1500VDC
d.c. Max. Input Current:	3 x 100A	3 x 100A	3 x 100A
Isc PV:	14 x 32.5A	14 x 32.5A	14 x 32.5A
MPP Voltage Range:	500VDC – 1500VDC	500VDC – 1500VDC	500VDC – 1500VDC
a.c. Output Nominal Voltage:	3~ 800V	3~ 800V	3~ 800V
a.c. Nominal Operating Frequency:	50Hz	50Hz / 60Hz	50Hz / 60Hz
a.c. Max. Output Current:	155,9A	155,2A	155,2A
a.c. Rated Output Power:	196kW	185kW	200kW
a.c. Max. Output Power:	216kVA	215kVA	215kVA
Power Factor:	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging	0,8 leading ... 0,8 lagging
Inverter Topology	Non-Isolation	Non-Isolation	Non-Isolation
Protection Class:	Class I	Class I	Class I
Ingress Protection:	IP66	IP66	IP66
Overvoltage Category:	II(PV), III(MAINS)	II(PV), III(MAINS)	II(PV), III(MAINS)
Operating Temperature Range:	-25°C ... +60°C	-25°C ... +60°C	-25°C ... +60°C

Tested according to:

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

Page 4 of 4

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