



Ref. Certif. No.

DE 3 - 9133

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Converter
SOLAR INVERTER

Name and address of the applicant

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

Name and address of the manufacturer

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

Name and address of the factory

Huawei Machine Co., Ltd.
No. 2, New City Avenue, Songshan Lake Sci. & Tech. Industry Park,
523808 Dongguan, PEOPLE'S REPUBLIC OF CHINA

This CB Test Certificate is issued by the National Certification Body

CB 041829 3971 Rev. 00

Date, 2020-01-15

(Zhengdong Ma)



Page 1 of 3

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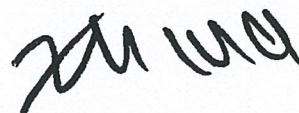
Product Service

Ratings and principal characteristics

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
Overvoltage 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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Product Service

Page 2 of 3

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Trade mark (if any) HUAWEI

Model/type Ref. **SUN2000-168KTL-H1, SUN2000-175KTL-H0,
SUN2000-185KTL-H1, SUN2000-185KTL-INH0.**

A sample of the product was tested and found to be in conformity with IEC 62109-1:2010
IEC 62109-2:2011

as shown in the Test Report Ref. No. 083-52001001-000
which forms part of this certificate
Ratings and principal characteristics (continued)

(Zhengdong Ma)