

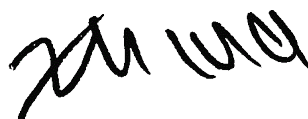
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

## CB TEST CERTIFICATE

Product	Converter SOLAR INVERTER
Name and address of the applicant	<b>Huawei Technologies Co., Ltd.</b> 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  Dongguan Yang Tian Electronic Technology Co., Ltd. (i-Brights) No.152, Luyuan Rd., Keyuancheng, Tangxia Town, 523710 Dongguan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA  DongGuan Fuyi Precision Industry Co.,Ltd. Floor 1st-4th, Building 12, No.6, Songshui Road, Songmu Village, Weifeng Industrial City, Dalang Town, 523770 Dongguan, Guangdong, PEOPLE'S REPUBLIC OF CHINA

This CB Test Certificate is issued by the National Certification Body

CB 041829 3971 Rev. 01  
Date, 2020-06-12



( Zhengdong Ma )

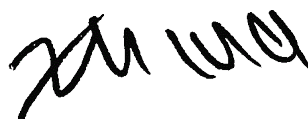
## IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## 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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( Zhengdong Ma )



Product Service

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

Ratings and principal characteristics

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
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

Trade mark (if any)  
Model/type Ref.

HUAWEI  
**SUN2000-168KTL-H1, SUN2000-175KTL-H0,  
SUN2000-185KTL-H1, SUN2000-185KTL-INH0,  
SUN2000-196KTL-H0, SUN2000-200KTL-H2,  
SUN2000-215KTL-H0.**

Additional information (if necessary)

DE3-9133 issued on 2020-01-15 is replaced by this version due to technical changes.

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. which forms part of this certificate

083-52001001-100

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