



Ref. Certif. No.

DE 3 - 9132

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

Shenzhen FuGui Precision Industry Co., Ltd.  
D7-2F, D8-1F & 3F, Foxconn Science and Technology, Industrial Park, East side of Min Qing, Road, Longhua Subdistrict, Longhua District, 518109 Shenzhen, 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 3913 Rev. 00

Date, 2019-12-12

( Zhengdong Ma )



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Product Service

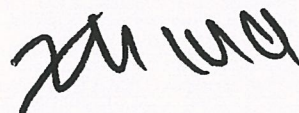


## Ratings and principal characteristics

Model	SUN2000-125KTL-M0	SUN2000-110KTL-M0	SUN2000-100KTL-M0
d.c. Max. Input Voltage:	1100V		
d.c. Max. Input Current:	10 x 26A		
Isc PV:	10 x 40A		
MPP Voltage Range:	200V – 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. Max. Output Current:	160,4A	185,7A (380Vac) 176,4A (400Vac)	168,8A (380Vac) 160,4A (400Vac)
a.c. Rated Output Power:	125kW	110kW	100kW
a.c. Max. Output Apparent Power:	137,5kVA	121kVA	110kVA
Power Factor:	0,8 leading ... 0,8 lagging		
Protection Class:	Class I		
Ingress Protection:	IP66		
Overvoltage Category:	II(PV), III(MAINS)		
Operating Temperature Range:	-25°C ... +60°C		
Pollution degree:	III		
Altitude:	4000 m		

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## Ratings and principal characteristics

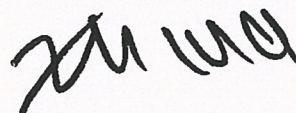
Model	SUN2000-100KTL-M1	SUN2000-100KTL-INM0
d.c. Max. Input Voltage:	1100V	
d.c. Max. Input Current:	10 x 26A	
Isc PV:	10 x 40A	
MPP Voltage Range:	200V – 1000V	
a.c. Output Nominal Voltage:	3/N/PE, 380/400V 3~, 480V	3/N/PE, 415V 3~, 480V
a.c. Nominal Operating Frequency:	50/60Hz	
a.c. Max. Output Current:	168,8A (380Vac) 160,4A (400Vac) 133,7A (480Vac)	154,6A (415Vac) 133,7A (480Vac)
a.c. Rated Output Power:	100kW	100kW
a.c. Max. Output Apparent Power:	110kVA	110kVA
Power Factor:	0,8 leading ... 0,8 lagging	
Protection Class:	Class I	
Ingress Protection:	IP66	
Overvoltage Category:	II(PV), III(MAINS)	
Operating Temperature Range:	-25°C ... +60°C	
Pollution degree:	III	
Altitude:	4000 m	

Trade mark (if any)

Huawei

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Model/type Ref.

**SUN2000-125KTL-M0, SUN2000-110KTL-M0,  
SUN2000-100KTL-M0, SUN2000-100KTL-M1,  
SUN2000-100KTL-INM0.**A sample of the product was tested and found  
to be in conformity withIEC 62109-1:2010  
IEC 62109-2:2011as shown in the Test Report Ref. No.  
which forms part of this certificate

083-51917505-000

Ratings and principal characteristics (continued)

( Zhengdong Ma )