

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

## CB TEST CERTIFICATE

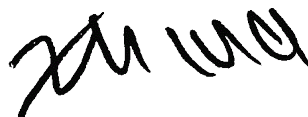
Product	Converter SOLAR INVERTER
Name and address of the applicant	<b>Huawei Technologies Co., Ltd.</b> Administration Building Headquarters of Huawei Technologies Co., Ltd. Bantian, Longgang District 518129 Shenzhen PEOPLE'S REPUBLIC OF CHINA
Name and address of the manufacturer	Huawei Technologies 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	ShenZhen FuGui Precision Industry Co., Ltd. F8d District, Foxconn Science and Technology Industrial Park, East side of Min Qing Road, Longhua District, Longhua Subdistrict, Longhua District, 518110 Shenzhen, PEOPLE'S REPUBLIC OF CHINA  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

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CB 041829 4413 Rev. 01

Date, 2020-12-28



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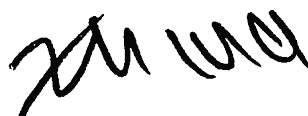
## Ratings and principal characteristics

## General Parameters:

Model	For all models
d.c. Max. Input Voltage:	1100Vd.c.(All models) 800Vd.c.(SUN2000-20KTL-M3)
d.c. Max. Input Current:	26A/26A/26A/26A
Isc PV:	40A/40A/40A/40A
MPP Voltage Range:	200–1000Vd.c.(All models) 200–750Vd.c.(SUN2000-20KTL-M3)
a.c. Nominal Operating Frequency:	50/60Hz
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
Inverter Topology:	Non-isolation
Remark: There are two versions for model SUN2000-20KTL-M3.	

## AC Output Parameters:

Model	SUN2000-15KTL-M3	SUN2000-17KTL-M3
a.c. Output Nominal Voltage:	3/N/PE~ 380/400Va.c.	3/N/PE~ 380/400Va.c.
a.c. Max. Output Current:	25.2A	28.5A
a.c. Rated Output Power:	15kW	17kW
a.c. Max. Output Apparent Power:	16.5kVA	18.7kVA



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Model	SUN2000-20KTL-M3	SUN2000-23KTL-M3
a.c. Output Nominal Voltage:	3/N/PE~ 380/400Va.c. 3/N/PE~ 220/400Va.c.	3/N/PE~ 380/400Va.c.
a.c. Max. Output Current:	33.5A (380Va.c.) 31.9A (400Va.c.) 58.0A (220Va.c.)	35.1A
a.c. Rated Output Power:	20kW	23kW
a.c. Max. Output Apparent Power:	22kVA	23kVA

Model	SUN2000-28KTL-M3	SUN2000-29.9KTL-M3
a.c. Output Nominal Voltage:	3~ 480Va.c.	3/N/PE~ 400Va.c. 3~ 480Va.c.
a.c. Max. Output Current:	33.5A	43.2A (400Va.c.) 36.0A (480Va.c.)
a.c. Rated Output Power:	27.5kW	29.9kW
a.c. Max. Output Apparent Power:	27.5kVA	29.9kVA

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## Ratings and principal characteristics

Model	SUN2000-30KTL-M3	SUN2000-36KTL-M3
a.c. Output Nominal Voltage:	3/N/PE~ 380/400/440/480Va.c.	3/N/PE~ 380/400/440/480Va.c.
a.c. Max. Output Current:	50.4A (380Va.c.) 47.9A (400Va.c.) 43.5A (440Va.c.) 39.9A (480Va.c.)	61.1A (380Va.c.) 58.0A (400Va.c.) 52.8A (440Va.c.) 48.4A (480Va.c.)
a.c. Rated Output Power:	30kW	36kW
a.c. Max. Output Apparent Power:	33kVA	40kVA

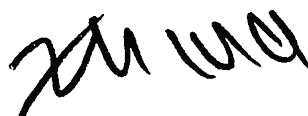
Model	SUN2000-40KTL-M3	SUN2000-42KTL-M3
a.c. Output Nominal Voltage:	3/N/PE~ 380/400/440/480Va.c.	3~ 480Va.c.
a.c. Max. Output Current:	67.2A (380Va.c.) 63.8A (400Va.c.) 58.0A (440Va.c.) 53.2A (480Va.c.)	56.8A
a.c. Rated Output Power:	40kW	42kW
a.c. Max. Output Apparent Power:	44kVA	47kVA

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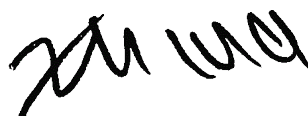
Trade mark (if any)	HUAWEI
Model/type Ref.	<b>SUN2000-15KTL-M3, SUN2000-17KTL-M3, SUN2000-20KTL-M3, SUN2000-23KTL-M3, SUN2000-28KTL-M3, SUN2000-29.9KTL-M3, SUN2000-30KTL-M3, SUN2000-36KTL-M3, SUN2000-40KTL-M3, SUN2000-42KTL-M3.</b>
Additional information (if necessary)	DE 3 - 9160 issued on 2020-11-25 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	083-52008203-100
Ratings and principal characteristics (continued)	

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