

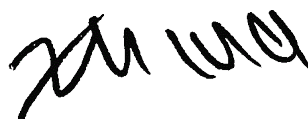
IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT  
(IECEE) CB SCHEME

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	Huazhi Machine Co., Ltd. Zone A, Yingzhan Ind. Area, Kengzi Community, Pingshan New District, 518000 Shenzhen, Guangdong, 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

This CB Test Certificate is issued by the National Certification Body

CB 041829 4187 Rev. 01  
Date, 2020-07-28



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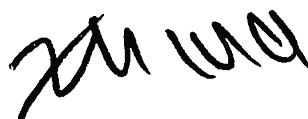
## IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## Ratings and principal characteristics

Model	SUN2000-2KTL-L1	SUN2000-3KTL-L1	SUN2000-3.68KTL-L1
d.c. Max. Input Voltage:	600 Vd.c.		
d.c. Max. Input Current:	12,5 A/12,5 A		
Isc PV:	18 A/18 A		
MPP Voltage Range:	90 – 560 Vd.c.		
Battery:	Max. 600 Vd.c. / 15 A		
a.c. Output Nominal Voltage:	220/230/240 Va.c.	230/240 Va.c.	
a.c. Nominal Operating Frequency:	50/60 Hz		
a.c. Max. Output Current:	10 A	15 A	16 A
a.c. Rated Output Power:	2 kW	3 kW	3,68 kW
a.c. Max. Output Apparent Power:	2,2 kVA	3,3 kVA	3,68 kVA
Power Factor:	0,8 leading ... 0,8 lagging		
Protection Class:	Class I		
Ingress Protection:	IP65		
Overvoltage Category:	II(PV), III(MAINS)		
Operating Temperature Range:	-25°C ... +60°C		
Inverter Topology:	Non-Isolation		

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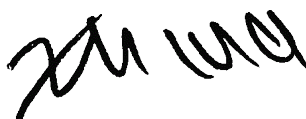
## IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

## Ratings and principal characteristics

Model	SUN2000-4KTL-L1	SUN2000-4.6KTL-L1	SUN2000-5KTL-L1	SUN2000-6KTL-L1
d.c. Max. Input Voltage:	600 Vd.c.			
d.c. Max. Input Current:	12,5 A/12,5 A			
Isc PV:	18 A/18 A			
MPP Voltage Range:	90 – 560 Vd.c.			
Battery:	Max. 600 Vd.c. / 15 A			
a.c. Output Nominal Voltage:	220/230/240 Va.c.			
a.c. Nominal Operating Frequency:	50/60 Hz			
a.c. Max. Output Current:	20 A	23 A	25 A	27,3 A
a.c. Rated Output Power:	4 kW	4,6 kW	5 kW	6 kW
a.c. Max. Output Apparent Power:	4,4 kVA	5,0 kVA	5,5 kVA	6 kVA
Power Factor:	0,8 leading ... 0,8 lagging			
Protection Class:	Class I			
Ingress Protection:	IP65			
Overvoltage Category:	II(PV), III(MAINS)			
Operating Temperature Range:	-25°C ... +60°C			
Inverter Topology:	Non-Isolation			

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

HUAWEI

Trade mark (if any)  
Model/type Ref.**SUN2000-6KTL-L1, SUN2000-5KTL-L1,  
SUN2000-4.6KTL-L1, SUN2000-4KTL-L1,  
SUN2000-3.68KTL-L1, SUN2000-3KTL-L1,  
SUN2000-2KTL-L1.**

Additional information (if necessary)

DE 3 - 9147 issued on 2020-06-12 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 62109-2:2011as shown in the Test Report Ref. No.  
which forms part of this certificate

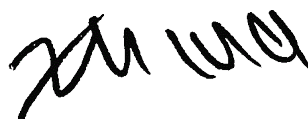
083-52008202-100

Ratings and principal characteristics (continued)

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