



Ref. Certif. No.

SG PSB-PV-00029

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
Ratings and principal characteristics	See page 2-3
Model/type Ref.	SUN2000-300KTL-H0, SUN2000-280KTL-H0, SUN2000-250KTL-H1, SUN2000-250KTL-H3, SUN2000-275KTL-H1, SUN2000-330KTL-H1, SUN2000-330KTL-H2
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	085-223154301-000

Page 1 of 3

This CB Test Certificate is issued by the National Certification Body

CBS 041829 4936 Rev. 00

Date, 2023-03-07

(Billy Qiu)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937



PSB Singapore

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

Trademark / Brand (Image)



Name and address of the factory (continued)

Dongguan Yangtian Electron Technologies Co., Ltd.
No.152, Luyuan RD, Science City, Tangxia Town, 523718 Dongguan City,
Guangdong Province, PEOPLE'S REPUBLIC OF CHINA

Jiancheng Hengrui (Huizhou) Electronic Co., Ltd
No.558, Yuanzhou Avenue, Baimawei Village, Yuanzhou Town, Boluo
County, 516123 Huizhou City, Guangdong Province, PEOPLE'S REPUBLIC
OF CHINA

Ratings and principal characteristics

ratings and principal characteristics				
Model:	SUN2000-330KTL-H1	SUN2000-330KTL-H2	SUN2000-250KTL-H1	SUN2000-275KTL-H1
DC input terminal parameters:				
Max. DC voltage	1500 Vd.c.			
Isc	6*115 Ad.c.			
Operating DC voltage range	500-1500 Vd.c.			
Rated DC voltage	1080 Vd.c.			
Full-load voltage range	930-1300 Vd.c.			
Max. DC current	6*65 Ad.c.			
Overvoltage category	II			
Grid output terminal parameters:				
Rated AC voltage	3W+PE, 800 Va.c.			
Rated AC frequency	50 Hz/60 Hz			
Rated output current	216.6 Aa.c.	198.5 Aa.c.	180.5 Aa.c.	180.5 Aa.c.
Rated active/apparent power	300 kW/ 300 kVA	275 kW/ 275 kVA	250 kW/ 250 kVA	250 kW/ 250 kVA
Max. continuous output current	238.2 Aa.c.	238.2 Aa.c.	198.5 Aa.c.	198.5 Aa.c.
Max. active/apparent power	330 kW/330 kVA		275 kW/275 kVA	
Power factor	0.8 leading – 0.8 lagging			
Overvoltage category	III			
General				
Operating temperature range	-30°C ~ +60°C			
Protection class	I			
Enclosure	IP66			
Dimensions (W × H × D)	1048 mm x 732mm x 395 mm			

Page 2 of 3

This CB Test Certificate is issued by the National Certification Body

CBS 041829 4936 Rev. 00

Date, 2023-03-07



(Billy Qiu)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937



PSB Singapore

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

Model:	SUN2000-300KTL-H0	SUN2000-280KTL-H0	SUN2000-250KTL-H3
DC input terminal parameters:			
Max. DC voltage	1500 Vd.c.		
Isc	6*115 Ad.c.		
Operating DC voltage range	500-1500 Vd.c.		
Rated DC voltage	1080 Vd.c.		
Full-load voltage range	930-1300 Vd.c.		
Max. DC current	6*65 Ad.c.		
Overvoltage category	II		
Grid output terminal parameters:			
Rated AC voltage	3W+PE, 800 Va.c.		
Rated AC frequency	50 Hz		
Rated output current	216.6 Aa.c.	202.1 Aa.c.	180.5 Aa.c.
Rated active/apparent power	300 kW/ 300 kVA	280 kW/ 280 kVA	250 kW/ 250 kVA
Max. continuous output current	238.2 Aa.c.	222.3 Aa.c.	198.5 Aa.c.
Max. active/apparent power	330 kW/330 kVA	308 kW/308 kVA	275 kW/275 kVA
Power factor	0.8 leading – 0.8 lagging		
Overvoltage category	III		
General			
Operating temperature range	-30°C ~ +60°C		
Protection class	I		
Enclosure	IP66		
Dimensions (W × H × D)	1048 mm x 732mm x 395 mm		

Page 3 of 3

This CB Test Certificate is issued by the National Certification Body

CBS 041829 4936 Rev. 00

Date, 2023-03-07



(Billy Qiu)

TÜV SÜD PSB Pte Ltd 15 International Business Park TÜV SÜD @ IBP Singapore 609937



PSB Singapore