



Ref. Certif. No.

SG PSB-IT-00212M2

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

CB TEST CERTIFICATE

Product	Converter (Smart PCS)
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	Shenzhen Fugui Precision Industry Co., Ltd. Building B4, Foxconn Science and Technology Industrial Park, East side of Min Qing Road, Longhua District, Longhua Subdistrict, 518109 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Ratings and principal characteristics	See page 2-3
Model/type Ref.	LUNA2000-200KTL-H0, LUNA2000-200KTL-H1, LUNA2000-100KTL-M1
Additional information (if necessary)	Certificate SG PSB-IT-00212M1 issued on 2022-10-28 is replaced by this version due to technical changes.
A sample of the product was tested and found to be in conformity with	IEC 62477-1:2012 IEC 62477-1:2012/AMD1:2016
as shown in the Test Report Ref. No. which forms part of this certificate	085-213101001-200

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This CB Test Certificate is issued by the National Certification Body

CBS 041829 4932 Rev. 00

Date, 2023-02-14

(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)



Ratings and principal characteristics

Model:	LUNA2000-200KTL-H0	LUNA2000-200KTL-H1
DC input/output terminal parameters:		
Maximum DC voltage	1500 Vd.c.	1500 Vd.c.
Operating DC voltage range	1180-1500 Vd.c.	1180-1500 Vd.c.
Rated DC voltage	1180 Vd.c.	1180 Vd.c.
Full-load voltage range	1180–1350 Vd.c. (rectification mode) 1180–1280 Vd.c. (inverter mode)	1180–1350 Vd.c. (rectification mode) 1180–1280 Vd.c. (inverter mode)
Maximum DC power (1min)	245 kW	245 kW
Maximum DC current (1min)	207.6 Ad.c.	207.6 Ad.c.
Over voltage category	II	II
Grid input/output terminal parameters:		
Rated AC voltage	3W+PE, 800 Va.c.	3W+PE, 800 Va.c.
Rated AC frequency	50/60 Hz	50/60 Hz
Rated continuous current	144.3 Aa.c.	144.3 Aa.c.
Maximum continuous current (1min)	173.2 Aa.c.	173.2 Aa.c.
Rated active/apparent power	200 kW/200 kVA	200 kW/200 kVA
Maximum active/apparent power (1 min)	240 kW/240 kVA	240 kW/240 kVA
Over voltage category	III	III
Off-grid output parameters		
Rated AC voltage	--	3W+PE, 800 Va.c.
Rated AC frequency	--	50/60 Hz
Rated continuous current	--	144.3 Aa.c.
Maximum continuous current (1min)	--	173.2 Aa.c.
Rated active/apparent power	--	200 kW/200 kVA
Maximum active/apparent power (1 min)	--	240 kW/240 kVA
General		
Operating temperature range	-25°C - +60°C	-25°C - +60°C
Protection class	I	I
Ingress protection	IP66	IP66
Weight (W × H × D)	875 mm x 820mm x 365 mm	875 mm x 820mm x 365 mm

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

Model:	LUNA2000-100KTL-M1		
DC input/output terminal parameters:			
Maximum DC voltage	1100 Vd.c.		
Operating DC voltage range	570-1100 Vd.c.		
Rated DC voltage	645 Vd.c.		
Full-load voltage range	590–790 Vd.c. (rectification mode) 570–750 Vd.c. (inverter mode)	685–915 Vd.c. (rectification mode) 605–905 Vd.c. (inverter mode)	
Maximum DC power (1min)	123 kW		
Maximum DC current (1min)	215.8 Ad.c.		
Over voltage category	II		
Grid input/output terminal parameters:			
Rated AC voltage	3W+PE, 380/400/440 Va.c.		
Rated AC frequency	50/60 Hz		
Rated continuous current	151.9 Aa.c. @380Va.c.	144.3 Aa.c. @400Va.c.	131.2 Aa.c. @440Va.c.
Maximum continuous current (1min)	173.2 Aa.c.		
Rated active/apparent power	100 kW/100 kVA		
Maximum active/apparent power (1 min)	120 kW/120 kVA		
Over voltage category	III		
Off-grid output parameters			
Rated AC voltage	3W+PE, 380/400/440 Va.c.		
Rated AC frequency	50/60 Hz		
Rated continuous current	151.9 Aa.c. @380Va.c.	144.3 Aa.c. @400Va.c.	131.2 Aa.c. @440Va.c.
Maximum continuous current (1min)	173.2 Aa.c.		
Rated active/apparent power	100 kW/100 kVA		
Maximum active/apparent power (1 min)	120 kW/120 kVA		
General			
Operating temperature range	-25°C - +60°C		
Protection class	I		
Ingress protection	IP66		
Weight (W × H × D)	875 mm x 820mm x 365 mm		

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