



Product Service

Attestation of Conformity

No. N8A 041829 4711 Rev. 02

Holder of Attestation: **Huawei Technologies Co., Ltd.**
Administration Building
Headquarters of Huawei Technologies Co., Ltd.
Bantian, Longgang District
518129 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Smart PCS)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290213100903

Date, 2023-01-16

(Billy Qiu)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s): LUNA2000-200KTL-H0, LUNA2000-200KTL-H1, LUNA2000-100KTL-M1

Parameters:

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
Power factor range	0 leading ~ ±1 ~ 0 lagging	0 leading ~ ±1 ~ 0 lagging
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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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		
Power factor range	0 leading ~ ±1 ~ 0 lagging		
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 x H x D)	875 mm x 820mm x 365 mm		

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**Tested
according to:**

EN 62477-1:2012/A12:2021
EN IEC 62040-1:2019/A11:2021

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