

EU-Type Examination Certificate

No. E6A 114387 0069 Rev. 00

Holder of Certificate: **Huawei Digital Power Technologies Co., Ltd.**
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Antuoshan Headquarters Towers
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518043 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Energy Storage System
(Smart String ESS)**

This EU-Type Examination Certificate is issued according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with such aspects of the requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and/or its technical documentation submitted for testing and certification. This Type Examination does not contain any statements pertaining to the EMC protection requirements governed by other laws which serve to implement EU Directives other than the aforementioned Directive 2014/30/EU.
For details see: www.tuvsud.com/ps-cert

Evaluation Report No.: 64.772.22.31385.01-(T)

Date, 2023-02-17



(Volker Albrecht)

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Model(s): LUNA2000-200KWH-2H1

Description of Object:

Model	LUNA2000-200KWH-2H1	
Battery input/output rating		
Battery type	LFP	LFP
Rated voltage	665V	720V
Battery voltage range	340~700	388~788
Max. charging power	100KW	100KW
Max. charging current	170A	140A
Max. discharging power	100KW	100KW
Max. discharging current	170A	145A
Grid input rating		
Rated output active power	100kW	100kW
Rated output apparent power	100KW	100KW
Rated output frequency	50/60Hz	50/60Hz
Rated output voltage	380/400V/440V	380/400V/440V
Rated output current	131.2Arms@440Vac 144.3Arms@400Vac 151.9Arms@380Vac	131.2Arms@440Vac 144.3Arms@400Vac 151.9Arms@380Vac
Max. continuous output current	173.2Arms	173.2Arms
Grid output rating		
Rated output active power	100kW	100kW
Rated output apparent power	100KW	100KW
Rated output frequency	50/60Hz	50/60Hz
Rated output voltage	380/400V/440V	380/400V/440V
Rated output current	131.2Arms@440Vac 144.3Arms@400Vac 151.9Arms@380Vac	131.2Arms@440Vac 144.3Arms@400Vac 151.9Arms@380Vac
Max. continuous output current	173.2Arms	173.2Arms
Power factor	1(lagging)-1(leading)	1(lagging)-1(leading)
General parameter		
Ingress protection rating	IP55	IP55
Altitude	4000m	4000m
Ambient temperature range	- 30°C ~ 55°C	- 30°C ~ 55°C
Protective class	ClassA	ClassA
Remark: All aspects of the essential requirements were assessed. EN 61000-6-4:2007/A1:2011, EN IEC 61000-6-4:2019 for telecommunication/network port only. Environment: other than residential. This certificate does not consider requirements for broadcast radio equipment.		



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**Tested
according to:**

EN IEC 61000-6-2:2019
EN 61000-6-2:2005
EN 61000-6-4:2007/A1:2011
EN IEC 61000-6-4:2019
EN 55011:2016/A1:2017
EN 55011:2016/A11:2020
EN 55011:2016/A2:2021
IEC 61000-6-2:2005
IEC 61000-6-2:2016
IEC 61000-6-4:2006
IEC 61000-6-4:2006/A1:2010
IEC 61000-6-4:2018
CISPR 11:2015/A2:2019
CISPR 11:2015/A1:2016