



Product Service

Attestation of Conformity

No. N8A 114387 0063 Rev. 00

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

Product: **Energy Storage System**

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.: 64290223139201

Date, 2023-02-13

(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.



TUV®



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

Parameters:

Model:	LUNA2000-200KWH-2H1	
Internal battery system		
Battery Module	ESM51320AS1	ESM-57280AS1
Battery Type	LFP	
Rated Voltage	665 Vd.c.	720Vd.c.
Battery Voltage Range	340~700 Vd.c.	388~788 Vd.c.
Rated Energy Capacity	193.5 kWh	
Max. Charging Current	170 Ad.c.	140 Ad.c.
Max. Discharging Current	170 Ad.c.	145 Ad.c.
Energy Storage System PCS grid input/output		
Rated AC Voltage	380/400/440 Va.c., 3W+PE	
Rated AC Current	131.2Aa.c. @440Va.c. 144.3Aa.c. @400Va.c. 151.9Aa.c. @380Va.c.	
Max. Output Current (1min)	173.2 Aa.c.	
Rated Frequency	50/60Hz	
Rated Active Power	100kW	
Power Factor	0 leading ~ ±1 ~ 0 lagging	
Auxiliary Supply		
Rated Voltage	200~240 Va.c.	
Max. Input Power	4.2kW	
Rated Frequency	50/60 Hz	
Overvoltage Category	II	
General		
Protection Class	I	
Operating Temperature Range	-30°C ~ 55 °C	
Enclosure	IP55 (Battery Pack Cabinet) IP66 (DC/DC converter and PCS)	

Tested according to:

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

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