



Product Service

Attestation of Conformity

No. N8A 041829 4683 Rev. 02

Holder of Certificate: **Huawei Technologies Co., Ltd.**
Administration Building
Headquarters of Huawei Technologies Co., Ltd.
Bantian, Longgang District
518129 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 testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290203089103

Date, 2022-06-21

(Billy Qiu)

Page 1 of 3

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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Model(s): LUNA2000-2.0MWH-1H0,
LUNA2000-2.0MWH-2H1,
LUNA2000-2.0MWH-1H1

Parameters:

Model:	LUNA2000-2.0MWH-1H0	LUNA2000-2.0MWH-2H1	LUNA2000-2.0MWH-1H1
Internal battery system			
Battery Module	ESM51320AS1	ESM-57280AS1	ESM-57280AS1
Battery Type	LFP	LFP	LFP
Cell Nominal Voltage	3.2 Vd.c.	3.2 Vd.c.	3.2 Vd.c.
Nominal Voltage	1075.2 Vd.c.	1209.6Vd.c.	1209.6Vd.c.
Battery Voltage Range	907-1227 Vd.c.	1020~1365 Vd.c.	1020~1365 Vd.c.
Nominal Energy Capacity	2064 kWh	2032 kWh	2032 kWh
Max. Charging/Discharging Current	320 A×6	280 A×3	280 A×6
Energy Storage System DC busbar input/output			
Rated DC Voltage	1200 Vd.c.	1250 Vd.c.	1250 Vd.c.
Max. DC Voltage	1500 Vd.c.	1500 Vd.c.	1500 Vd.c.
Max. Charging/Discharging Current	320 A×6	280 A×3	280 A×6
Max. Power	344 kW×6	339 kW×3	339 kW×6
Auxiliary Supply			
Nominal Voltage	380/400 Va.c., 3W+N+PE	380/400 Va.c., 3W+N+PE	380/400 Va.c., 3W+N+PE
Nominal Current	104 Aa.c.	104 Aa.c.	104 Aa.c.
Nominal Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Over Voltage Category	II	II	II
General			
Protection Class	I	I	I
Operating Temperature Range	-30°C - 55 °C	-30°C - 55 °C	-30°C - 55 °C
Enclosure	IP55 (Battery Cabin and Control Unit Cabin)	IP55 (Battery Cabin and Control Unit Cabin)	IP55 (Battery Cabin and Control Unit Cabin)
Dimensions (W × H × D)	6058 mm x 2896 mm x 2438 mm	6058 mm x 2896 mm x 2438 mm	6058 mm x 2896 mm x 2438 mm



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**Tested
according to:**

EN 62477-1:2012/A1:2017
EN IEC 62040-1:2019

Page 3 of 3

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