



Product Service

# Attestation of Conformity

No. N8A 041829 4683 Rev. 04


**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:** **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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290203089105

**Date,** 2023-01-03



( Billy Qiu )

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**Model(s):** LUNA2000-2.0MWH-1H0, LUNA2000-2.0MWH-2H1, LUNA2000-2.0MWH-1H1, LUNA2000-2.0MWH-4H1, LUNA2000-1.0MWH-1H1

## Parameters:

Model:	LUNA2000-2.0MWH-1H0	LUNA2000-2.0MWH-2H1	LUNA2000-2.0MWH-1H1	LUNA2000-2.0MWH-4H1
Internal battery system				
Battery Module	ESM51320AS1	ESM-57280AS1	ESM-57280AS1	ESM-57280AS1
Battery Type	LFP	LFP	LFP	LFP
Cell Nominal Voltage	3.2 Vd.c.	3.2 Vd.c.	3.2 Vd.c.	3.2 Vd.c.
Nominal Voltage	1075.2 Vd.c.	1209.6Vd.c.	1209.6Vd.c.	1209.6Vd.c.
Battery Voltage Range	907-1227 Vd.c.	1020~1365 Vd.c.	1020~1365 Vd.c.	1020~1365 Vd.c.
Nominal Energy Capacity	2064 kWh	2032 kWh	2032 kWh	2032 kWh
Max. Charging/Discharging Current	320 A×6	280 A×3	280 A×6	168 A×3
Energy Storage System DC busbar input/output				
Rated DC Voltage	1200 Vd.c.	1250 Vd.c.	1250 Vd.c.	1250 Vd.c.
Max. DC Voltage	1500 Vd.c.	1500 Vd.c.	1500 Vd.c.	1500 Vd.c.
Max. Charging/Discharging Current	320 A×6	280 A×3	280 A×6	168 A×3
Max. Power	344 kW×6	339 kW×3	339 kW×6	169.5 kW×3
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	380/400 Va.c., 3W+N+PE
Nominal Current	104 Aa.c.	104 Aa.c.	104 Aa.c.	104 Aa.c.
Nominal Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Over Voltage Category	II	II	II	II
General				
Protection Class	I	I	I	I
Operating Temperature Range	-30°C - 55 °C	-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)	IP55 (Battery Cabin and Control Unit Cabin)
Dimensions (W × H × D)	6058 mm x 2896mm x 2438 mm	6058 mm x 2896mm x 2438 mm	6058 mm x 2896mm x 2438 mm	6058 mm x 2896mm x 2438 mm

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Model:	LUNA2000-1.0MWH-1H1
Internal battery system	
Battery Module	ESM-57280AS1
Battery Type	LFP
Cell Nominal Voltage	3.2 Vd.c.
Nominal Voltage	1209.6Vd.c.
Battery Voltage Range	1020~1365 Vd.c.
Nominal Energy Capacity	1016 kWh
Max. Charging/Discharging Current	280 A×3
Energy Storage System DC busbar input/output	
Rated DC Voltage	1250 Vd.c.
Max. DC Voltage	1500 Vd.c.
Max. Charging/Discharging Current	280 A×3
Max. Power	339 kW×3
Auxiliary Supply	
Nominal Voltage	380/400 Va.c., 3W+N+PE
Nominal Current	104 Aa.c.
Nominal Frequency	50/60 Hz
Over Voltage Category	II
General	
Protection Class	I
Operating Temperature Range	-30°C - 55 °C
Enclosure	IP55 (Battery Cabin and Control Unit Cabin)
Dimensions (W × H × D)	6058 mm x 2896mm x 2438 mm

**Tested according to:**

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

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