



Product Service

# Attestation of Conformity

No. N8A 041829 4683 Rev. 03

**Holder of Certificate:** **Huawei Technologies Co., Ltd.**  
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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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290203089104

**Date,** 2022-09-15

( Billy Qiu )

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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,  
 LUNA2000-2.0MWH-4H1

## 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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**Tested  
according to:**

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

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