



Product Service

# Attestation of Conformity

No. N8A 114387 0063 Rev. 01

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

**Test report no.:** 64290223139202

**Date,** 2023-08-23

( 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.



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**Model(s):** LUNA2000-200KWH-2H1;  
LUNA2000-161KWH-2H1;  
LUNA2000-129KWH-2H1;  
LUNA2000-97KWH-1H1

## Parameters:

Model:	LUNA2000-200KWH-2H1	LUNA2000-161KWH-2H1	LUNA2000-129KWH-2H1	LUNA2000-97KWH-1H1	
Internal battery system					
Battery Module	ESM 51320AS1	ESM-57280AS1	ESM-57280AS1		
Battery Type	LFP				
Rated Voltage	665 Vd.c.	720 Vd.c.	576.0 Vd.c.	460.8 Vd.c.	345.6 Vd.c.
Battery Voltage Range	340~700 Vd.c.	388~788 Vd.c.	490~650 Vd.c.	390~520 Vd.c.	300~390 Vd.c.
Rated Energy Capacity	193.5 kWh		161.3 kWh	129.0 kWh	96.8 kWh
Max. Charging Current	170 Ad.c.	140 Ad.c.	215 Ad.c.	270 Ad.c.	280 Ad.c.
Max. Discharging Current	170 Ad.c.	145 Ad.c.	170 Ad.c.	215 Ad.c.	270 Ad.c.
Energy Storage System PCS grid input/output					
Rated AC Voltage	380/400/440 Va.c., 3W+PE				
Rated AC Current	131.2 Aa.c. @440 Va.c. 144.3 Aa.c. @400 Va.c. 151.9 Aa.c. @380 Va.c.			120.7 Aa.c. @440 Va.c. 132.9 Aa.c. @400 Va.c. 139.8 Aa.c. @380 Va.c.	
Max. Output Current (1min)	173.2 Aa.c.				
Rated Frequency	50/60 Hz				
Rated Active Power	100 kW			92 kW	
Power Factor	-1(lagging)~1(leading)				
Auxiliary Supply					
Rated Voltage	200~240 Va.c.				
Max. Input Power	4.2 kW				
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)				

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**Tested  
according to:**

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

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