



Product Service

Attestation of Conformity

No. N8A 041829 4375 Rev. 06

Holder of Attestation: **Huawei Technologies Co., Ltd.**

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 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

Test report no.: 64290203090507

Date, 2024-09-27

(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): Bidirectional DC/DC Unit: LUNA2000-5KW-C0
Energy Storage Module: LUNA2000-5-E0

Parameters:

Bidirectional DC/DC Unit:	LUNA2000-5KW-C0		
BAT terminal parameters (connected to PV inverter):			
Rated voltage [Vd.c.]	450 / 600		
DC operating voltage range [Vd.c.]	350 - 980		
Rated charging / discharging current [Ad.c.]	15		
Rated charging / discharging power [kW]	5		
B terminal parameters (connected to battery):			
Battery type	LiFePO4		
Battery number	1	2	3
Battery usable energy [kWh]	5	10	15
Rated voltage [Vd.c.]	385	385	385
Battery voltage range [Vd.c.]	350 - 435	350 - 435	350 - 435
Rated charging / discharging current [Ad.c.]	7.5	15	15
Rated charging / discharging power [kW]	2.5	5	5
Peak output power [kW]	3.5 (10s)	7 (10s)	7 (10s)
General:			
Operating temperature range [°C]	-25 to +55		
Protection class	I		
Ingress protection	IP66		

Energy Storage Module	LUNA2000-5-E0		
Battery type	LiFePO4		
Rated capacity [Ah]	100		
Rated energy capacity [kWh]	5		
Rated charging / discharging current [Ad.c.]	7.5		
Rated charging / discharging power [kW]	2.5		
Peak charging / discharging Power [kW]	3.5 (10s)		
Nominal voltage [Vd.c.]	385		
Operating voltage range [Vd.c.]	350 - 435		
Operating temperature range [°C]	-20 to +55		
Protection class	I		
Ingress protection	IP 66		

**Tested
according to:**

EN 62477-1:2012/A12:2021

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