ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

Attestation of Conformity

No. N8A 041829 4369 Rev. 00

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.: 64290203034701

Date, 2020-11-09

(Billy Qiu)

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.

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s): **Bidirectional DC/DC Unit: LUNA2000-5KW-C0**
Rechargeable Lithium ion Battery: LUNA2000-5-E0

Parameters:

Bidirectional DC/DC Unit:	LUNA2000-5KW-C0		
BAT terminal parameters (connected to PV inverter):			
Maximum voltage [Vd.c.]	1100		
Rated voltage [Vd.c.]	450 / 600		
DC operating voltage range [Vd.c.]	350 - 980		
Maximum charging / discharging current [Ad.c.]	15		
Maximum 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
Maximum charging / discharging current [Ad.c.]	7.5	15	15
Maximum 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		

Rechargeable Lithium ion Battery	LUNA2000-5-E0
Battery type	LiFePO4
Rated capacity [Ah]	100
Rated energy capacity [kWh]	5
Maximum charging / discharging current [Ad.c.]	7.5
Maximum 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]	-10 to +55
Protection class	I
Ingress protection	IP 66

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Tested according to: EN 62477-1:2012/A1:2017

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