

Dichiarazione Sostitutiva di Atto Notorio (art. 19 e art. 47 D.P.R. 28 dicembre 2000 n. 445)

Oggetto: Dichiarazione di Conformità del Generatore

Il sottoscritto Ma Lin, nato in Cina il 4 giugno 1980 e residente in Italia, in Via Giuseppe Dessì n. 40, Roma, codice fiscale MAXLNI80H04Z210D, nel ruolo di procuratore di Huawei Technologies Italia S.r.l., consapevole delle sanzioni penali nel caso di dichiarazioni non veritiere e falsità negli atti (art. 76 del Dpr n. 445/2000), sotto la propria responsabilità

DICHIARA

che i prodotti indicati di seguito sono conformi alle norme CEI 0-21:2022-03 + V1:2022-11 + V2:2024-01:

Sez. A	I seguenti generatori rispettano le prescrizioni delle norme CEI 0-21:2022-03 + V1:2022-11 + V2:2024-01:						
	Costruttore	Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.					
	Tipo apparecchiatura	Inverter per sistemi fotovoltaici					
	Marca	HUAWEI TECHNOLOGIES Co. LTD					
	N. fasi	☒ Monofase ☐ Trifase Frequenza: 50 Hz / 60 Hz Tensione: 220 Vac ; 230 Vac ; 240 Vac					
	Energia primaria utilizzata	☒ Solare (v. RdP All. B) ☒ Accumulo (v. RdP All. Bbis) ☐ Eolico (v. RdP All. B/Bter) ☐ Idroelettrico (v. RdP All. B/Bter) ☐ CHP (v. RdP All. B/Bter) ☐ Altro:					
	Modello del generatore	SUN2000-3K-LB0 SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0	SUN2000-4.6KLBO	SUN2000-5K-LB0	SUN2000-6K-LB0 SUN5000-6K-LB0
	Potenza nominale	3 kW	3.68 kW	4 kW	4.6 kW	5 kW	6 kW
Sez. B	Caratteristiche del sistema di protezione di interfaccia						
	Costruttore	HUAWEI TECHNOLOGIES Co. LTD					
	Modello	SUN2000-3-6K-LB0 SUN5000-3-6K-LB0					
	Tipo	☒ Integrata ☐ Non integrata					
Sez. C	Caratteristiche del convertitore statico						
	Modello del convertitore statico	SUN2000-3K-LB0 SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0	SUN2000-4.6K-LB0	SUN2000-5K-LB0	SUN2000-6K-LB0 SUN5000-6K-LB0
	Costruttore del convertitore statico	HUAWEI TECHNOLOGIES Co. LTD					
	Versione firmware	V300R024 e superiore					
	Potenza nominale convertitore (P _{NINV})	3 kW	3.68 kW	4 kW	4.6 kW	5 kW	6 kW

Huawei Technologies Italia S.r.l.

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e Operativa Centrale, MILANO**

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Serafico 89
00142 ROMA (RM)
Tel.: +39.06.64244.000

PALERMO Tel.: 39. 0916242090

Sez. D	Batterie utilizzabili con i convertitori statici sopra riportati	
	Marca	HUAWEI TECHNOLOGIES Co. LTD
	Tecnologia	Litio-Ferro Fosfato (LiFePO4)
	Versione firmware BMS	V100R002 (pacco batteria LUNA2000-5-E0), V200R023 (pacco batteria LUNA2000-5-E1 e LUNA2000-7-E1) e superiore
	Note	La potenza di scarica massima effettiva dipende dalla taglia dell'inverter, vedasi allegato.
	Tipologia	☒ Bidirezionale ☐ Monodirezionale

S e z. D	Battery			CUS (useful capacity of the storage system)				
	Energy module	Storage	Battery pack* Number recommended bythe manufacturer	Manufacturer	Capacity of per battery pack (kWh)	Capacity of Energy Storage module (kWh)	Number of Energy Storage module recommende d by the manufacturer	Capacity range of Energy Storage module (kWh)
	LUNA2000- 5KW-C0		LUNA2000-5-E0*1	Huawei Technologies Co., Ltd.	5	5	1-2	5-30
			LUNA2000-5-E0*2			10		
			LUNA2000-5-E0*3			15		
	LUNA2000- 10KW-C1		LUNA2000-7-E1*1	Huawei Digital Power Technologies Co., Ltd.	6.9	6.9	1-2	6.9-41.4
			LUNA2000-7-E1*2			13.8		
			LUNA2000-7-E1*3			20.7		
	LUNA2000- 10KW-C1		LUNA2000-5-E1*1	Huawei Digital Power Technologies Co., Ltd.	5	5	1-2	5-30
			LUNA2000-5-E1*2		5	10		
			LUNA2000-5-E1*3		5	15		
	LUNA2000- 10KW-C1		LUNA2000-5-E1*1	Huawei Digital Power Technologies Co., Ltd.	5	11.9	1-2	11.9-37.6
			LUNA2000-7-E1*1		6.9			
			LUNA2000-5-E1*1		5	18.8		
			LUNA2000-7-E1*2		6.9			
			LUNA2000-5-E1*2		5	16.9		
			LUNA2000-7-E1*1	6.9				
Note: Batteries are not integrated within the inverter and shall be installed according to local regulation.								

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Sez. E	Riferimenti dei laboratori che hanno eseguito le prove e dei relativi rapporti di prova (RdP)		
	Metodo prescelto	☒ Prove eseguite da laboratorio accreditato	☐ Prove eseguite sotto lasorveglianza di un ente certificatore
	Rapporti di prova (RdP)	RdP n. 241231136GZU-001 secondo Allegato: vedasi certificato No. CN-PVES-240511R1	
	Emessi da	Lab. accreditato: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch	
	N. accreditamento	TL-395	
	Rif. Ente accreditamento	Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017	

Sez. F	Data, firma	
	<i>Luogo, data</i>	<i>Azienda</i>
	<i>Nome, firma, funzione</i>	

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ANNEX I

Caratteristiche Sistema di Accumulo Huawei ESS LUNA2000-S1

Battery module model	SUN2000-3K-LB0, SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0	SUN2000-4.6K-LB0	SUN2000-5K-LB0	SUN2000-6K-LB0, SUN5000-6K-LB0
	Pcmax/Psmax(W)					
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*1)	2500/2500	2500/2500	2500/2500	2500/2500	2500/2500	2500/2500
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*6)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*1)	3300/3300	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*6)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
Remark: Psn= Psmax, Pcn= Pcmax *: The maximum discharge power of the battery is 6000W, and due to loss, the power to the output of the inverter is only 5850W.						

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Battery module model	SUN2000-3K-LB0, SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0	SUN2000-4.6K-LB0	SUN2000-5K-LB0	SUN2000-6K-LB0, SUN5000-6K-LB0
	Pcmax/Psmax(W)					
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1)	3300/3300	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*6)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
Remark: Psn = Psmax, Pcn = Pcmax. *: The maximum discharge power of the battery is 6000W, and due to loss, the power to the output of the inverter is only 5850W.						

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Battery module model	SUN2000-3K-LB0, SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0	SUN2000-4.6K-LB0	SUN2000-5K-LB0	SUN2000-6K-LB0, SUN5000-6K-LB0
	Pcmax/Psmax(W)					
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000		5000/5850*
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000		5000/5850*
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	3300/3300	3680/3680	5000/5500	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	3300/3300	3680/3680	5000/5500	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
Remark: Psn = Psmax, Pcn = Pcmax. *: The maximum discharge power of the battery is 6000W, and due to loss, the power to the output of the inverter is only 5850W.						

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Battery			CUS (useful capacity of the storage system)			
Energy Storage module	Battery pack* Number recommended bythe manufacturer	Manufacturer	Capacity of per battery pack (kWh)	Capacity of Energy Storage module (kWh)	Number of Energy Storage module recommended by the manufacturer	Capacity range of Energy Storage module (kWh)
LUNA2000-5KW-C0	LUNA2000-5-E0*1	Huawei Technologies Co., Ltd.	5	5	1-2	5-30
	LUNA2000-5-E0*2			10		
	LUNA2000-5-E0*3			15		
LUNA2000-10KW-C1	LUNA2000-7-E1*1	Huawei Digital Power Technologies Co., Ltd.	6.9	6.9	1-2	6.9-41.4
	LUNA2000-7-E1*2			13.8		
	LUNA2000-7-E1*3			20.7		
LUNA2000-10KW-C1	LUNA2000-5-E1*1	Huawei Digital Power Technologies Co., Ltd.	5	5	1-2	5-30
	LUNA2000-5-E1*2		5	10		
	LUNA2000-5-E1*3		5	15		
LUNA2000-10KW-C1	LUNA2000-5-E1*1	Huawei Digital Power Technologies Co., Ltd.	5	11.9	1-2	11.9-37.6
	LUNA2000-7-E1*1		6.9			
	LUNA2000-5-E1*1		5	18.8		
	LUNA2000-7-E1*2		6.9			
	LUNA2000-5-E1*2		5	16.9		
	LUNA2000-7-E1*1		6.9			

Note: Batteries are not integrated within the inverter and shall be installed according to local regulation.

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Certificate of Conformity

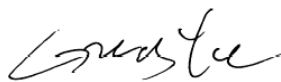
Certificate Number: CN-PVES-240511R1

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

Applicant:	Huawei Digital Power Technologies Co., Ltd. Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C.
Product:	Hybrid Solar Storage System, Single-phase Whole Home Backup
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	See appendix of Certificate of Conformity
Brand Name<s>:	 HUAWEI
Product Complies with:	CEI 0-21: 2022-03 + V1:2022-11 + V2:2024-01: Reference technical rules for the connection of active and passive users to the LV electrical Utilities
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	241231136GZU-001, dated 11 Mar. 2025 Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Replaces certificate CN-PVES-240511, dated 15 Nov. 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 14 Mar. 2025



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240511R1.

Test item description	Hybrid Solar Storage System, Single-phase Whole Home Backup
Trade Mark	 HUAWEI
Manufacturer	Same as applicant
Model/Type reference	Inverter conversion device: SUN2000-3K-LB0, SUN2000-3.68K-LB0, SUN2000-4K-LB0, SUN2000-4.6K-LB0, SUN2000-5K-LB0, SUN2000-6K-LB0, SUN5000-3K-LB0, SUN5000-6K-LB0 Single-phase Whole Home Backup: SmartGuard-63A-S0 Brands:  HUAWEI Batteries and BMS - Battery Management System Energy Storage module: LUNA2000-5KW-C0, LUNA2000-10KW-C1 Battery pack: LUNA2000-5-E0, LUNA2000-7-E1, LUNA2000-5-E1 High voltage control model: the inverter will work as controller Brands:  HUAWEI
Inverter Firmware Version	V300R024
Number of phases	Single-phase
Nominal Power	3000W (SUN2000-3K-LB0, SUN5000-3K-LB0), 3680W (SUN2000-3.68K-LB0), 4000W (SUN2000-4K-LB0), 4600W (SUN2000-4.6K-LB0), 5000W (SUN2000-5K-LB0), 6000W (SUN2000-6K-LB0, SUN5000-6K-LB0)
Type	Bidirectional
CUS (useful capacity of the storage system)	5kWh~15kWh (LUNA2000-5KW-C0*1) 10kWh~30kWh (LUNA2000-5KW-C0*2) 6.9kWh~20.7kWh (LUNA2000-10KW-C1*1) 13.8kWh~41.4kWh (LUNA2000-10KW-C1*2)
Psn (nominal discharge power)	See following table for details
Pcn (nominal charge power)	See following table for details
Psmx (maximum discharge power)	See following table for details
Pcmx (maximum charge power)	See following table for details
BMS Firmware Version for system	V100R002 (for Battery pack LUNA2000-5-E0) V200R023 (for Battery pack LUNA2000-7-E1) V200R023 (for Battery pack LUNA2000-5-E1)

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Battery module model	SUN2000-3K-LB0, SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0	SUN2000-4.6K-LB0	SUN2000-5K-LB0	SUN2000-6K-LB0, SUN5000-6K-LB0
	Pcmax/Psmax(W)					
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*1)	2500/2500	2500/2500	2500/2500	2500/2500	2500/2500	2500/2500
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*6)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*1)	3300/3300	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*6)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850
Remark: Psn= Psmax, Pcn= Pcmax						
*: The maximum discharge power of the battery is 6000W, and due to loss, the power to the output of the inverter is only 5850W.						

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APPENDIX: Certificate of Conformity

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Battery module model	SUN2000-3K-LB0, SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0	SUN2000-4.6K-LB0	SUN2000-5K-LB0	SUN2000-6K-LB0, SUN5000-6K-LB0
	Pcmax/Psmax(W)					
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1)	3300/3300	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*6)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
Remark: Psn = Psmax, Pcn = Pcmax. *: The maximum discharge power of the battery is 6000W, and due to loss, the power to the output of the inverter is only 5850W.						

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240511R1.

Battery module model	SUN2000-3K-LBO, SUN5000-3K-LBO	SUN2000-3.68K-LBO	SUN2000-4K-LBO	SUN2000-4.6K-LBO	SUN2000-5K-LBO	SUN2000-6K-LBO, SUN5000-6K-LBO
	Pcmax/Psmax(W)					
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*4 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*4 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*4 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5 & LUNA2000-7-E1*1)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5 & LUNA2000-7-E1*2)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5 & LUNA2000-7-E1*3)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5 & LUNA2000-7-E1*4)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5 & LUNA2000-7-E1*5)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5 & LUNA2000-7-E1*6)	3300/3300	3680/3680	4400/4400	5000/5000	5000/5500	5000/5850*

Remark: Psn = Psmax, Pcn = Pcmx.
*: The maximum discharge power of the battery is 6000W, and due to loss, the power to the output of the inverter is only 5850W.

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240511R1.

Battery			CUS (useful capacity of the storage system)			
Energy Storage module	Battery pack* Number recommended by the manufacturer	Manufacturer	Capacity of per battery pack (kWh)	Capacity of Energy Storage module (kWh)	Number of Energy Storage module recommended by the manufacturer	Capacity range of Energy Storage module (kWh)
LUNA2000-5KW-C0	LUNA2000-5-E0*1	Huawei Technologies Co., Ltd.	5	5	1-2	5-30
	LUNA2000-5-E0*2			10		
	LUNA2000-5-E0*3			15		
LUNA2000-10KW-C1	LUNA2000-7-E1*1	Huawei Digital Power Technologies Co., Ltd.	6.9	6.9	1-2	6.9-41.4
	LUNA2000-7-E1*2			13.8		
	LUNA2000-7-E1*3			20.7		
LUNA2000-10KW-C1	LUNA2000-5-E1*1	Huawei Digital Power Technologies Co., Ltd.	5	5	1-2	5-30
	LUNA2000-5-E1*2		5	10		
	LUNA2000-5-E1*3		5	15		
LUNA2000-10KW-C1	LUNA2000-5-E1*1	Huawei Digital Power Technologies Co., Ltd.	5	11.9	1-2	11.9-37.6
	LUNA2000-7-E1*1		6.9			
	LUNA2000-5-E1*1		5	18.8		
	LUNA2000-7-E1*2		6.9			
	LUNA2000-5-E1*2		5	16.9		
LUNA2000-7-E1*1	6.9					
Note: Batteries are not integrated within the inverter and shall be installed according to local regulation.						

Note: Batteries are not integrated within the inverter and shall be installed according to local regulation.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240511R1

Model	SUN2000-3K-LB0, SUN5000-3K-LB0	SUN2000-3.68K-LB0	SUN2000-4K-LB0
Max. Input voltage	600Vdc		
MPPT voltage range	40 - 560Vdc		
Max. MPPT input current	16A*2		
PV Isc	20A*2		
Rated output power	3KW	3.68KW	4KW
Max. Output Apprent power	3.3KVA	3.68KVA	4.4KVA
Nominal output voltage	220/230/240Vac	230/240Vac	220/230/240Vac
Rated output current	13.6A/220Vac 13.0A/230Vac 12.5A/240Vac	16.0A/230Vac 15.3A/240Vac	18.2A/220Vac 17.4A/230Vac 16.7A/240Vac
Max. Output current	15Aac	16Aac	20Aac
Nominal output frequency	50/60 Hz		
Battery voltage range	350 - 600Vdc		
Max. charge/discharge current	16.5Aac		
Power factor range	0.8Leading ~ 0.8Lagging		
Safety level	Class I		
Ingress protection	IP66		
Operation ambient temperature	-25°C - +60°C		
Software version	V300R024		

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APPENDIX: Certificate of Conformity

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Model	SUN2000-4.6K-LB0	SUN2000-5K-LB0	SUN2000-6K-LB0, SUN5000-6K-LB0
Max. Input voltage	600Vdc		
MPPT voltage range	40 - 560Vdc		
Max. MPPT input current	16A*2		
PV Isc	20A*2		
Rated output power	4.6KW	5KW	6KW
Max. Output Apprent power	5.0KVA	5.5KVA	6.6KVA
Nominal output voltage	220/230/240Vac		
Rated output current	20.9A/220Vac 20.0A/230Vac 19.2A/240Vac	22.7A/220Vac 21.7A/230Vac 20.8A/240Vac	27.3A/220Vac 26.1A/230Vac 25.0A/240Vac
Max. Output current	23Aac	25Aac	30Aac
Nominal output frequency	50/60 Hz		
Battery voltage range	350 - 600Vdc		
Max. charge/discharge current	16.5Adc		
Power factor range	0.8Leading ~ 0.8Lagging		
Safety level	Class I		
Ingress protection	IP66		
Operation ambient temperature	-25°C - +60°C		
Software version	V300R024		

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APPENDIX: Certificate of Conformity

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Model	SmartGuard-63A-S0
Nominal Voltage	220/230/240Vac
Inverter side Max Current	60Aac
Backup Max Load Current	63Aac
Non-backup Max Load Current	63Aac
Grid/ATS-side Max Current	63Aac
Rated Current	63A
Nominal Operating frequency	50/60Hz
Operation ambient temperature	-25°C - +50°C
Ingress protection	IP55

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APPENDIX: Certificate of Conformity

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TYPE OF APPARATUS: Hybrid Solar Storage System			
Number of phases: Single-phase			
DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
☒	☒	☒	
Static converters in systems with capacity up to 11.08 kW The devices are capable to limit Idc to 0.5% of the rated grid current Having examined the ISO 9001 certificate of the manufacturer No: 17 201 1933213 issued by: TUV Rheinland (China) Ltd.			

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护 照
PASSPORT

PEOPLE'S REPUBLIC OF CHINA

类型/Type

国家码/Country Code

护照号码/Passport No.

P

CHN

姓名/Name

EJ7022355

马琳
MA, LIN

性別 / Sex 國籍 / Nationality

出生日期 Date of birth

男/M

中国/CHINESE

04 JUN 1980

出生地点/Place of birth

8. 2. 日期 / Date of issue

北京/BEIJING

07 1月/JAN 2023

签发地点/Place of issue

有效期至: Date of expiry

北京/BEIJING

06 1月/JAN 2033

签发机关/Authority

持票人签名/Bearer's signature

中华人民共和国国家移民管理局
National Immigration Administration, PRC

马琳

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