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 alla norma CEI 0-21:2022-03 + V1:2022-11 + V2:2024-01:

Sez. A	**I seguenti generatori rispettano le prescrizioni della norma CEI 0-21:2022-03 + V1:2022-11 + V2:2024-01**					
	Costruttore	HUAWEI TECHNOLOGIES Co. LTD., Administration Building, Headquarters, 518129 Bantian, Longgang District, Shenzhen, China				
	Tipo apparecchiatura	Inverter per sistemi fotovoltaici				
	Marca	HUAWEI TECHNOLOGIES Co. LTD				
	N. fasi	☐ Monofase ☑ Trifase Frequenza: 50 Hz / 60 Hz Tensione: 220 Vac / 380 Vac; 230 Vac / 400 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	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K-MAP0 SUN5000-8K-MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
	Potenza nominale	5 kW	6 kW	8 kW	10 kW	12 kW
	Il generatore:	☑ È idoneo per installazione in impianti con potenza superiore a 11,08 kW ☑ È in grado di limitare la Idc allo 0,5% della corrente nominale: ☑ utilizza una funzione di protezione sensibile alla corrente continua ☐ utilizza un trasformatore operante alla frequenza di rete				
Sez. B	**Caratteristiche del sistema di protezione di interfaccia**					
	Costruttore	HUAWEI TECHNOLOGIES Co. LTD				
	Modelli	SUN2000-5/6/8/10/12K-MAP0, SUN5000-8/12K-MAP0				
	Tipo	☑ Integrata ☐ Non integrata				
Sez. C	**Caratteristiche del convertitore statico**					
	Modello del convertitore statico	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K-MAP0 SUN5000-8K-MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
	Costruttore del convertitore statico	HUAWEI TECHNOLOGIES Co. LTD				
	Versione firmware	V200R024 e successive				
	Potenza nominale convertitore (P_{NINV})	5 kW	6 kW	8 kW	10 kW	12 kW

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, LUNA2000-7-E1) e superiore**
	Tipologia SdA	☑ **Bidirezionale** ☐ **Monodirezionale**

SEZ. D	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		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 LUNA2000-7-E1*1	Huawei Digital Power Technologies Co., Ltd.	5 6.9	11.9	1-2	11.9-37.6
		LUNA2000-5-E1*1 LUNA2000-7-E1*2		5 6.9	18.8		
		LUNA2000-5-E1*2 LUNA2000-7-E1*1		5 6.9	16.9		
	Note: Batteries are not integrated within the inverter and shall be installed according to local regulation.						

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 la sorveglianza di un ente certificatore**
	Rapporti di prova (RdP)	**RdP N. 241231141GZU-001, secondo Allegato B:** **vedasi certificato No.** **CN-PVES-240277R1**	
	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		
	Luogo, data	*Azienda*	Lin Ma Huawei Technologies Italia S.r.l . Procuratore 16.12.2025 17:13:27 GMT+01:00
		Nome, firma, funzione	

Caratteristiche Sistema di Accumulo Huawei LUNA2000-S1

Energy Storage module	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K- MAP0 SUN5000-8K- MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
	Pcmax/Psmax(W)				
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*1)	2500/2500	2500/2500	2500/2500	2500/2500	2500/2500
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*2)	5000/5000	5000/5000	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*3)	5000/5000	5000/5000	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*2)	5000/5000	5000/5000	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*3)	5000/5500	6000/6600	7500/7500	7500/7500	7500/7500
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*4)	5000/5500	6000/6600	8000/8800	10000/10000	10000/10000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*5)	5000/5500	6000/6600	8000/8800	10000/10000	10000/10000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*6)	5000/5500	6000/6600	8000/8800	10000/10000	10000/10000
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*1)	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*5)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*6)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
Remark: Psn= Psmax, Pcn= Pcmax					

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CCIAA e P.IVA 04501190963
HUAWEI.ITALY@HUAWEIPEC.IT
www.huawei.com

Sede Legale, Amministrativa e Operativa Centrale, MILANO

Via Lorenteggio 240, Torre A,
20147 MILANO (MI)
Tel.: +39.02.39994.000

Sede Operativa, MILANO

Maxwell Research Center, Milan
Viale Martesana 12
20055 VIMODRONE (MI)
Tel.: +39.02.39994882

Raffaello Research Center, Milan
Via Santa Margherita 14/Via Silvio Pellico 7, 20121 MILANO (MI)

Sede Operativa, ROMA

Via Laurentina 449/Via del Serafico 89
00142 ROMA (RM)
Tel.: +39.06.64244.000

Altre Sedi Operative

PALERMO Tel: 39. 0916242090

Battery module model	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K- MAP0 SUN5000-8K- MAP0	SUN2000-10K-MAP0	SUN2000-12K- MAP0 SUN5000-12K- MAP0
	Pcmax/Psmax(W)				
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1)	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*6)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000

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Via Santa Margherita 14/Via Silvio Pellico 7, 20121 MILANO (MI)

Sede Operativa, ROMA

Via Laurentina 449/Via del Serafico 89
00142 ROMA (RM)
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Altre Sedi Operative

PALERMO Tel: 39. 0916242090

Battery module model	SUN2000-5K-MAP0	SUN2000-6K- MAP0	SUN2000-8K-MAP0 SUN5000-8K-MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
	Pcmax/Psmax(W)				
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*1)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*5)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
Remark: Psn= Psmax, Pcn= Pcmax					

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00142 ROMA (RM)
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Altre Sedi Operative

PALERMO Tel: 39. 0916242090

Certificate of Conformity

Certificate Number: CN-PVES-240277R1

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, Three-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, 2nd 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>:	241231141GZU-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-240277, dated 19 June 2024

Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 14 March 2025

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO

PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1.

Test item description ..... :	Hybrid Solar Storage System, Three-phase Whole Home Backup
Trade Mark ..... :	HUAWEI
Manufacturer ..... :	Same as applicant
Model/Type reference ..... :	Inverter conversion device: SUN2000-5K-MAP0, SUN2000-6K-MAP0, SUN2000-8K-MAP0, SUN2000-10K-MAP0, SUN2000-12K-MAP0, SUN5000-8K-MAP0, SUN5000-12K-MAP0 Three-phase Whole Home Backup: SmartGuard-63A-T0 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 ..... :	V200R024
Number of phases ..... :	three-phase
Nominal Power ..... :	5000W (SUN2000-5K-MAP0), 6000W (SUN2000-6K-MAP0), 8000W (SUN2000-8K-MAP0, SUN5000-8K-MAP0), 10000W (SUN2000-10K-MAP0), 12000W (SUN2000-12K-MAP0, SUN5000-12K-MAP0)
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
Psmax (maximum discharge power) :	See following table for details
Pcmax (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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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1

Energy Storage module	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K-MAP0 SUN5000-8K-MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
	Pcmax/Psmax(W)				
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*1)	2500/2500	2500/2500	2500/2500	2500/2500	2500/2500
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*2)	5000/5000	5000/5000	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*1 (LUNA2000-5-E0*3)	5000/5000	5000/5000	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*2)	5000/5000	5000/5000	5000/5000	5000/5000	5000/5000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*3)	5000/5500	6000/6600	7500/7500	7500/7500	7500/7500
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*4)	5000/5500	6000/6600	8000/8800	10000/10000	10000/10000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*5)	5000/5500	6000/6600	8000/8800	10000/10000	10000/10000
LUNA2000-5KW-C0*2 (LUNA2000-5-E0*6)	5000/5500	6000/6600	8000/8800	10000/10000	10000/10000
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*1)	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*1 (LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*5)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-7-E1*6)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
Remark: Psn= Psmax, Pcn= Pcmax					

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1

Battery module model	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K-MAP0 SUN5000-8K-MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
	Pcmax/Psmax(W)				
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1)	3500/3500	3500/3500	3500/3500	3500/3500	3500/3500
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*5)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*6)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1

Battery module model	SUN2000-5K-MAP0	SUN2000-6K-MAP0	SUN2000-8K-MAP0 SUN5000-8K-MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
	Pcmax/Psmax(W)				
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*1 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*1)	5000/5500	6000/6600	7000/7000	7000/7000	7000/7000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*1)	5000/5500	6000/6600	8000/8800	10000/10500	10500/10500
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*1)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*2)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*3 & LUNA2000-7-E1*3)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*1 & LUNA2000-7-E1*5)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
LUNA2000-10KW-C1*2 (LUNA2000-5-E1*2 & LUNA2000-7-E1*4)	5000/5500	6000/6600	8000/8800	10000/11000	12000/12000
Remark: Psn= Psmax, Pcn= Pcmax					

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1.

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		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	1-2	
	LUNA2000-5-E1*3		5	15	1-2	
LUNA2000-10KW-C1	LUNA2000-5-E1*1 LUNA2000-7-E1*1	Huawei Digital Power Technologies Co., Ltd.	5 6.9	11.9	1-2	11.9-37.6
	LUNA2000-5-E1*1 LUNA2000-7-E1*2		5 6.9	18.8	1-2	
	LUNA2000-5-E1*2 LUNA2000-7-E1*1		5 6.9	16.9	1-2	
Note: Batteries are not integrated within the inverter and shall be installed according to local regulation.						

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1.

Model	SUN2000-5K-MAP0	SUN2000-6K-MAP0
Max. Input voltage	1100Vdc	
MPPT voltage range	160 – 1000Vdc	
Max. input current	16Adc*2	
Max. Isc	22Adc*2	
Rated output power	5KW	6KW
Max. Output Apparent power	5.5KVA	6.6KVA
Nominal output voltage	3/N/PE 230Vac	
Max. input/output current	7.6/8.3Aac	9.1/10Aac
Battery voltage rang	600-980Vdc	
Max. charge/discharge current	20Adc	
Nominal output frequency	50Hz	
Power factor range	0.8(Leading) ~ 0.8(Lagging)	
Ingress protection	IP66	
Operation ambient temperature	-25℃ - +60℃	
Software version	V200R024	

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1.

Model	SUN2000-8K-MAP0 SUN5000-8K-MAP0	SUN2000-10K-MAP0	SUN2000-12K-MAP0 SUN5000-12K-MAP0
Max. Input voltage	1100Vdc		
MPPT voltage range	160 – 1000Vdc		
Max. input current	16Adc*2		
Max. Isc	22Adc*2		
Rated output power	8KW	10KW	12KW
Max. Output Apparent power	8.8KVA	11KVA	13.2KVA
Nominal output voltage	3/N/PE 230Vac		
Max. input/output current	12.1/13.3Aac	15.2/16.7Aac	18.2/20.2Aac
Battery voltage rang	600-980Vdc		
Max. charge/discharge current	20Adc		
Nominal output frequency	50Hz		
Power factor range	0.8(Leading) ~ 0.8(Lagging)		
Ingress protection	IP66		
Operation ambient temperature	-25℃ - +60℃		
Software version	V200R024		

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1

Model	SmartGuard-63A-T0
Nominal Voltage	3/N/PE 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℃ - +50℃
Ingress protection	IP55

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240277R1

TYPE OF APPARATUS: Hybrid Solar Storage System, Three-phase Whole Home Backup			
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 (For models: SUN2000-5K-MAP0, SUN2000-6K-MAP0, SUN2000-8K-MAP0, SUN5000-8K-MAP0, SUN2000-10K-MAP0) Static converters in systems with capacity more than 11.08 kW (For models: SUN2000-12K-MAP0, SUN5000-12K-MAP0) 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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中华人民共和国外交部请各国军政机关对持照人予以通行的便利和必要的协助。

The Ministry of Foreign Affairs of the People's Republic of China requests all civil and military authorities of foreign countries to allow the bearer of this passport to pass freely and afford assistance in case of need.

中华人民共和国
护 照
PASSPORT

PEOPLE'S REPUBLIC OF CHINA



类型/Type	P
国家码/Country Code	CHN
护照号码/Passport No.	EJ7022355
姓名/Name	马 琳 MA, LIN
性别/Sex	男/M
国籍/Nationality	中国/CHINESE
出生日期/Date of birth	04 JUN 1980
出生地点/Place of birth	北京/BEIJING
签发日期/Date of issue	07 1月/JAN 2023
签发地点/Place of issue	北京/BEIJING
有效期至/Date of expiry	06 1月/JAN 2033
签发机关/Authority	中华人民共和国国家移民管理局 National Immigration Administration,PRC
持照人签名/Bearer's signature	马琳



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