DICHIARAZIONE DI CONFORMITÀ ALLA NORMA CEI 0-16 (V.2022-03+V1:2022-11+V2:2023-05+ V3:2024-01)

Con la presente dichiarazione, resa ai sensi degli art. 47 DPR 28 dicembre 2000, n. 445, consapevole delle responsabilita e dellesanzioni penali previste dall'art. 76 del citato DPR per false attestazioni e dichiarazioni mendaci, il sottoscritto Zhang Jiawei residente in Pujiang Town, Minhang District, Shanghai, China, numero di passaporto EF1263590, in qualità di senior Solution Manager della societa Shanghai SIGEN New Energy Technology Co., Ltd. sede in No. 175 Weizhan Road, Lingang New Area, China(Shanghai) Pilot Free Trade Zone, Shanghai, P.R.China

DICHIARA

che i prodotti indicati di seguito sono conformi alle norme CEI 0-16:2022-03 + V1:2022-11 + V2:2023-05 + V3:2024-01

1. Caratteristiche tecniche dell'inverter

Generatori e Convertitori						
Marca	Shanghai SIGEN New Energy Technology Co., Ltd.					
Tipo	Convertitore statico					
Modello	Sigen PV 50M1	Sigen PV 60M1	Sigen PV 80M1	Sigen PV 100M1	Sigen PV 110M1	Sigen PV 125M1
Potenza nominale unità (kW)	50	60	80	100	110	125
Corrente corto-circuito (Icc[A])	76	91.2	121.5	151.9	167.1	181.2
Corrente nominale (In[A])	8.4	10	13.4	16.7	20.1	25.1
Potenza di CC complessiva (kW)	83.6	100.3	133.7	167.1	183.8	181.2
Cos phi nominale	1					
Versione firmware	V100R001					
Matr. Generatore	Controllare SN del dispositivo					
N.Poli	3W+N+PE					
Tensione nominale	380/220 Va.c., 400/230 Va.c.					400/230 Va.c.
Servizio generatori	Continuo					
Modalità di avvio generatori	Automatica da rete					
Tipo inverter	Bidirezionale					
Interblocco di funzionamento	Assente					
Comunicazione	CEI 0-16:2022-03 + V1:2022-11 + V2:2023-05 + V3:2024-01					

Generatori e Convertitori						
Marca	Shanghai SIGEN New Energy Technology Co., Ltd.					
Tipo	Convertitore statico					
Modello	Sigen PV 50M2	Sigen PV 60M2	Sigen PV 80M2	Sigen PV 100M2	Sigen PV 110M2	Sigen PV 125M2
Potenza nominale unità (kW)	50	60	80	100	110	125
Corrente corto-circuito (Icc[A])	76	91.2	121.5	151.9	167.1	181.2
Corrente nominale (In[A])	8.4	10	13.4	16.7	20.1	25.1
Potenza di CC complessiva (kW)	83.6	100.3	133.7	167.1	183.8	181.2
Cos phi nominale	1					
Versione firmware	V100R001					
Matr. Generatore	Controllare SN del dispositivo					
N.Poli	3W+N+PE					
Tensione nominale	380/220 Va.c., 400/230 Va.c.					400/230 Va.c.
Servizio generatori	Continuo					
Modalità di avvio generatori	Automatica da rete					
Tipo inverter	Bidirezionale					
Interblocco di funzionamento	Assente					
Comunicazione	CEI 0-16:2022-03 + V1:2022-11 + V2:2023-05 + V3:2024-01					

2. Caratteristiche tecniche del dispositivo d'interfaccia (DDI) integrato nell'inverter

Marca	Song Chuan
Modello	511ZP-1AD-F-CM06
Tipo	Relè
Numero	6
Interblocchi di funzionamento	No

3 Sistema di protezione d'interfaccia (SPI) integrato nell'inverter

Marca	Shanghai SIGEN New Energy Technology Co., Ltd.
Modello	Indicare il modello dell'inverter, uno tra: Sigen PV 50M1 Sigen PV 60M1 Sigen PV 80M1 Sigen PV 100M1 Sigen PV 110M1 Sigen PV 125M1 Sigen PV 50M2 Sigen PV 60M2 Sigen PV 80M2 Sigen PV 100M2 Sigen PV 110M2 Sigen PV 125M2
Firmware	V100R001
Integrato in altri apparati	Sì, integrato nell'inverter

SIGENERGY

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 PEOPLE'S REPUBLIC OF CHINA

护 照 PASSPORT

类型/Type P

国家码/Country Code CHN

护照号码/Passport No. EF1263590

姓名/Name

张 嘉 伟
ZHANG, JIAWEI



性别/Sex 男/M

国籍/Nationality 中国/CHINESE

出生日期/Date of birth 15 NOV 1992

出生地点/Place of birth 陕西/SHAANXI

签发日期/Date of issue 17 1月/JAN 2019

签发地点/Place of issue 广东/GUANGDONG

有效期至/Date of expiry 16 1月/JAN 2029

签发机关/Authority 公安部出入境管理局
MPS Exit & Entry Administration

持照人签名/Bearer's signature 张嘉伟



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P<CHNZHANG<<JIAWEI<<<<<<<<<<<<<<<<<<<<<<<<<<<<

EF12635901CHN9211155M2901167NFMFLMMOMOLAA944

Certificate of Conformity

Certificate Number: CN-PVES-240452

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:	Shanghai Sigen New Energy Technology Co., Ltd. No.175 Weizhan Road, Lingang New Area, China (Shanghai) Pilot Free Trade Zone Shanghai P.R.China.
Product:	PV Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	Sigen PV 50M1, Sigen PV 60M1, Sigen PV 80M1, Sigen PV 100M1, Sigen PV 110M1, Sigen PV 125M1 Sigen PV 50M2, Sigen PV 60M2, Sigen PV 80M2, Sigen PV 100M2, Sigen PV 110M2, Sigen PV 125M2
Brand Name<s>:	SIGENERGY
Product Complies with:	CEI 0-16:2022-03 + V1:2022-11 + V2:2023-05 + V3:2024-01: Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company
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>:	240424072GZU-002, 24 Sep 2024, Issued by Intertek Testing Services Shenzhen Ltd. Guangzhou Branch accredited by IAS (TL-395) in accordance with ISO/IEC 17025:2017

Additional information in Appendix.

Signature

Certification Manager: Grady Ye
Date: 26 Sep. 2024

PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240452.

Model	Sigen PV 50M1	Sigen PV 60M1	Sigen PV 80M1	Sigen PV 100M1	Sigen PV 110M1	Sigen PV 125M1
DC Input						
MPPT voltage range	160 - 1000Vdc					
Max. input current	32A*4	32A*5	32A*6	32A*8	32A*8	32A*8
PV Isc	50A*4	50A*5	50A*6	50A*8	50A*8	50A*8
AC Output						
Nominal output power	50kW	60kW	80kW	100kW	110kW	125kW
Max. output apparent power	55kVA	66kVA	88kVA	110kVA	121kVA	125kVA
Nominal output current	76.0A	91.2A	121.5A	151.9A	167.1A	181.2A
Max. output current	83.6A	100.3A	133.7A	167.1A	183.8A	181.2A
Nominal output voltage	3/N/PE, 220/380Vac 230/400Vac					3/N/PE, 230/400Vac
Nominal operating Frequency	50/60Hz					
Power factor	0.8 leading - 0.8 lagging					
Safety level	Class I					
Operating temperature range	-30℃ - +60℃					
System ingress protection rating	IP66					
Software version	V100R001					

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240452.

Model	Sigen PV 50M2	Sigen PV 60M2	Sigen PV 80M2	Sigen PV 100M2	Sigen PV 110M2	Sigen PV 125M2
DC Input						
MPPT voltage range	160 - 1150Vdc					
Max. input current	32A*4	32A*5	32A*6	32A*8	32A*8	32A*8
PV Isc	50A*4	50A*5	50A*6	50A*8	50A*8	50A*8
AC Output						
Nominal output power	50kW	60kW	80kW	100kW	110kW	125kW
Max. output apparent power	55kVA	66kVA	88kVA	110kVA	121kVA	125kVA
Nominal output current	76.0A	91.2A	121.5A	151.9A	167.1A	181.2A
Max. output current	83.6A	100.3A	133.7A	167.1A	183.8A	181.2A
Nominal output voltage	3/N/PE, 220/380Vac 230/400Vac					3/N/PE, 230/400Vac
Nominal operating Frequency	50/60Hz					
Power factor	0.8 leading - 0.8 lagging					
Safety level	Class I					
Operating temperature range	-30℃ - +60℃					
System ingress protection rating	IP66					
Software version	V100R001					

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240452.

TYPE OF APPARATUS: PV inverter			
Number of phases: three-phase			
DISCONNECTION DEVICE	INTERFACE PROTECTION DEVICE	DEVICE FOR CONVERSION	ROTATING GENERATOR DEVICE
		☒	
Maximum power of the destination plant: <400kW or ≥ 400 KW Having examined the ISO 9001 certificate of the manufacturer No: 132759/1, issued by: Shanghai NQA Certification Co., Ltd.			

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