



Dichiarazione di Conformità

1. Tipologia di apparecchiatura cui si riferisce la dichiarazione

Costruttore:

Suzhou Stealth Energy Technology Co., Ltd.

8F, Zhenghe Mansion No.198, Jinfeng Road New

District 215000 Suzhou PEOPLE'S REPUBLIC OF CHINA

Tipo Apparecchiatura:

DISPOSITIVO DI INTERFACCIA	PROTEZIONE DI INTERFACCIA	DISPOSITIVO DI CONVERSIONE STATICA	DISPOSITIVO DI GENERAZIONE ROTANTE
	X	X	

Serie	Modello	Versione Firmware	Numero di fasi	Potenza Nominale	Marca e Modello
ST Series	ST-INV-S3.0	V01.10.27	Monofase	3000W	PANASONIC Mod:ALFG2PF121
ST Series	ST-INV-S3.68	V01.10.27	Monofase	3680W	PANASONIC Mod:ALFG2PF121
ST Series	ST-INV-S4.0	V01.10.27	Monofase	4000W	PANASONIC Mod:ALFG2PF121
ST Series	ST-INV-S5.0	V01.10.27	Monofase	4991W	PANASONIC Mod:ALFG2PF121
ST Series	ST-INV-S6.0	V01.10.27	Monofase	6000W	PANASONIC Mod:ALFG2PF121

Il dispositivo è in grado di limitare la I_{dc} allo 0,5% della corrente nominale.

Riferimento dei laboratori che hanno eseguito le prove

Numero di accreditamento: NO. COCPVP07136/24E-002, Published by TUV NORD (HANGZHOU) CO., LTD.

Dichiarazione di conformità alle prescrizioni CEI 0-21:2022,CEI 0-21;V1:2022-11,CEI 0-21;V2:2024-01,CEI 0-21;V2/EC:2024-03,CEI 0-21;V2/EC2:2025-02

Con la presente dichiarazione, resa ai sensi degli artt. 47 DPR 28 dicembre 2000, n. 445, consapevole delle responsabilità e delle sanzioni penali previste dall'art. 76 del citato DPR per false attestazioni e dichiarazioni mendaci, il sottoscritto Sig. Hongjian Wang, passaporto NR. E50640565 residente in Suzhou, in qualità di Manager della società Suzhou Stealth Energy Technology Co., Ltd. located in 8F, Zhenghe Mansion No.198,Jinfeng Road New District 215000 Suzhou PEOPLE'S REPUBLIC OF CHINA. con numero di registrazione nr. 91320505MA1YEQ744T

Dichiara

Che gli inverter di propria costruzione di cui al punto 1, sono conformi alle prescrizioni contenute Nella normaCEI 0-21:2022,CEI 0-21;V1:2022-11,CEI 0-21;V2:2024-01,CEI 0-21;V2/EC:2024-03,CEI 0-21;V2/EC2:2025-02.

Si attesta inoltre che la produzione delle apparecchiature oggetto di questa dichiarazione avviene in regime di qualità secondo ISO 9001:2015 (Registrazione Nr: 244-23-QV-01771-R0-S).

Elenco Batterie installabili con l'inverter

Modello	Fabbricante
SP-HE10250-H SP-HE20450-H SP-HE30750-H	Suzhou Stealth Energy Technology Co., Ltd.

Date:2025-03-31

Signature:

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.

PEOPLE'S REPUBLIC OF CHINA

EP 1264357

王宏建
WANG, HONGJIAN

20 DEC 1979

北京/BEIJING

16 1月/JAN 2025

北京/BEIJING

15 1月/JAN 2035

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

王宏建

POCHNWANG<<HONGJIAN<<<<<<<<<<<<<<<<<<<<<<
EP12643573CHN7912207M3501151MNPFLKOKLNKIA914

Certificate of Conformity

Registered No.:
COCPPV07136/24E-002

File reference
PVP07136/24E-002

Test report No.
TRPVP07136/24E/002

Date of issue
2025-03-31

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

Applicant: **Suzhou Stealth Energy Technology Co., Ltd.**
8F, Zhenghe Mansion No.198, Jinfeng Road New District 215000
Suzhou PEOPLE'S REPUBLIC OF CHINA

Manufacturer: **Suzhou Stealth Energy Technology Co., Ltd.**
8F, Zhenghe Mansion No.198, Jinfeng Road New District 215000
Suzhou PEOPLE'S REPUBLIC OF CHINA

Factory: **Suzhou Stealth Energy Technology Co., Ltd.**
8F, Zhenghe Mansion No.198, Jinfeng Road New District 215000
Suzhou PEOPLE'S REPUBLIC OF CHINA

Product: Hybrid Inverter

Type designation: ST-INV-S3.0; ST-INV-S3.68; ST-INV-S4.0; ST-INV-S5.0; ST-INV-S6.0

Type of equipment: ☒ Interface device
☒ Interface protection
☒ Static conversion device
☐ Rotary generation device
Remark: The device is for plants below 11.08kVA

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-21:2022, CEI 0-21; V1:2022-11,
CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03
CEI 0-21; V2/EC2:2025-02
See test report for detailed information.

Certification body: **TÜV NORD (HANGZHOU) CO., LTD.**



Renewable Energy

GRID-T-004 COC



中国认可
产品
PRODUCT
CNAS C183-P

TÜV NORD (HANGZHOU) CO., LTD.
Member of TÜV NORD Group
Tel: +86-571-85386989
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P.R. China

Room B409, Building 1, No. 9, Jiuhuan Road, Shangcheng District,
Hangzhou City, Zhejiang Province, 310019, P.R. China
Accredited by CNAS according to ISO/IEC 17065:2012,
certificate no. CNAS C183-P.

Testing laboratory:

TÜV NORD Testing (Suzhou) Co., Ltd.

Zone E, 1/F, East Side of South Building, Building 3 No.50, Beiguandu
Road, Yuexi Subdistrict, Suzhou, Jiangsu, China

Accredited by CNAS according to ISO/IEC 17025:2017, certificate no.
CNAS L11165

Conclusion:

After verifying following documents, it is concluded that the product is in
compliance with the requirements of CEI 0-21:2022, CEI 0-21; V1:2022-
11, CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03,
CEI 0-21; V2/EC2:2025-02.

☒ ISO 9001 certificate:

Certificate no. 244-23-QV-01771-R0-S, issued by SHANGHAI
YANGBIAO CERTIFICATION CO., LTD.

☒ Test report of CEI 0-21:2022, CEI 0-21; V1:2022-11,
CEI 0-21; V2:2024-01, CEI 0-21; V2/EC:2024-03,
CEI 0-21; V2/EC2:2025-02:

Report no. RDPVP07136/24E/02, issued by TÜV NORD Testing
(Suzhou) Co., Ltd. accredited by CNAS according to ISO/IEC
17025:2017, certificate no. CNAS L11165

This document is based on the evaluation of the samples of the above mentioned product(s). It does not
imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV
NORD mark. The holder of this document may use it in connection with the related test report(s).



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P.R. China

Version 1.1

Description of product(s):

Model types:	ST-INV-S3.0	ST-INV-S3.68	ST-INV-S4.0	ST-INV-S5.0	ST-INV-S6.0
General information					
Software version	V01.10.27				
PV input					
Vmax PV [V d.c.]	550				
Mpp voltage range [V d.c.]	125 – 530				
Isc PV [A d.c.]	20/20				
Max. input current [A d.c.].....	16/16				
Overvoltage category (OVC) :	II				
AC output (Grid Side) parameters					
Rated output voltage [V a.c.] :	L/N/PE, 230				
Rated output frequency [Hz] :	50/60				
Rated output power [W].....	3000	3680	4000	4991	6000
Max. apparent power [VA]	3000	3680	4000	4991	6000
Max. output current [A a.c.] ...	13.1	16.0	17.4	21.7	26.1
Power factor cosφ [λ]	0.8 leading - 0.8 lagging				
Overvoltage category (OVC) :	III				
AC input parameters					
Rated input voltage [V a.c.]....	L/N/PE, 230				
Rated input frequency [Hz]	50/60				
Rated apparent power [VA]....	5750			9200	
Rated input current [A a.c.]....	25			40	
Battery parameters					
Battery Type.....	Lithium				
Voltage range[V d.c.]	85-400				



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Version 1.1

Max. Charge/ Discharge Current [Ad.c.]..... :	25/25				
EPS output parameters:					
Rated output voltage [V a.c.] :	L/N/PE, 230				
Rated output frequency [Hz] :	50/60				
Rated output current [A a.c.] . :	12.6	15.3	16.6	20.0	26.1
Max. apparent power [VA] :	2900	3500	3800	4600	6000

Remark: The inverters listed above may be installed with the following batteries:

Manufacturer	Suzhou Stealth Energy Technology Co., Ltd.		
BMS Model	BCMU-HV-50AH		
BMS Version	V1.0		
Accumulator Model / Battery Model	SP-HE10250-H	SP-HE20450-H	SP-HE30750-H
Capacity of each battery module (kWh)	5.12		
Number(s) of battery modules recommended by the manufacturer	1	2	3
Note: The batteries are not integrated into the inverter and must be installed according to the local regulations.			



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Version 1.1