C E R T I F I C A T E
of Conformity

Registration No.: A3 50672483 0001

Report No.: CN25XJBL 001

Holder:
SINENG ELECTRIC CO., LTD.
No.6, Hehui Road,
Huishan District,
Wuxi
214174 Jiangsu
P.R. China

Product:
PV-Inverter
(Grid-connected PV inverter)

Identification:

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Type Designation : SP-320K-HB,  SP-333K-HB1,
                   SP-350K-HB1, SP-350K-INHB
Firmware Version : DSP: SP320KHBU111A_V000B002D000
                        SP320KHBU111B_V000B002D000
                   ARM: SP320KHBU112_V000B001D008_BOOT33
                   FPGA: SP320KHBU113_V000B000D005
Remark: Refer to test report CN25XJBL 001 for details.
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Tested acc. to:

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CEI 0-16:2022-03
CEI 0-16;V1:2022-11
CEI 0-16 V2:2016
CEI 0-16;V3:2024-01
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TÜV Rheinland LGA Products GmbH Zertifizierstelle TÜVRheinland

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Durch die DAkkS nach
DIN EN ISO/IEC 17065:2013
akkreditierte Zertifizierungsstelle.
Die Akkreditierung gilt nur für den in der
Urkundenanlage D-ZE-14169-01-02
aufgeführten Akkreditierungsumfang.

Certification Body

Date 21.04.2025

A. Chen

® TÜV, TUEV and TUV are registered trademarks. Utilisation and application requires prior approval.

OGGETTO: Dichiarazione di conformita aila normative CEI 0-16:2022-03, CEI 0-16; V1:2022-11, CEI 0-16 V2:2023 e CEI 0-16;V3:2024-01
"Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti AT ed MT delle imprese distributrici di energia elettrica"
SUBJECT: Declaration of Conformity to CEI 0-16: 2022-03, *CEI 0-16; V1:2022-11, CEI 0-16 V2:2023 e CEI 0-16;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 No.: A3 50672483 0001

TIPOLOGIA DI APPARATO A CUI SI RIFERISCE LA DICHIARAZIONE:
TYPE OF APPARATUS WHICH THE DECLARATION IS REFERED TO:

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection Device	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE ROTANTE Rotating Device
☐	☐	☒	☐

Costruttore
Manufacturer
SINENG ELECTRIC CO., LTD.
No.6, Hehui Road, Huishan District, Wuxi 214174 Jiangsu P.R. China

Modello/Tipo *Model/Type*	Potenza Attiva Nominate (P_{NINV}) *Nominal Power* [kW]	Max. Potenza Apparente (S_{MAX}) *Maximum Apparent Power* [kVA]
SP-320K-HB	320	352
SP-333K-HB1	320	333
SP-350K-INHB	305	352
SP-350K-HB1	320	352

Firmware release
Firmware
DSP: SP320KHBU111A_V000B002D000,
SP320KHBU111B_V000B002D000
ARM: SP320KHBU112_V000B001D008_BOOT33
FPGA: SP320KHBU113_V000B000D005

Numero di Fasi
Number of phases
Trifase / Three phase

Potenza massima dell'impianto di destinazione:
Maximum power of the destination plant:
☐ P_{plant} < 400 kW
☒ P_{plant} ≥ 400 kW

laboratorio di prova
Test laboratory
TUV Rheinland (Shenzhen) Co., Ltd.
Accrediation CNAS no. L3080

TÜV Rheinland LGA Products GmbH
Zertifizierungsstelle
TÜVRheinland

Certificate No.: A3 50672483 0001

Esaminati I Fascicoli Prove N.: CN25XJBL 001 emesso da TÜV Rheinland (Shenzhen) S.r.l.
Having assessed the Test Files N. CN25XJBL 001 issued by TUV Rheinland (Shenzhen) Co., Ltd.

Si dichiara che i prodotti indicati soddisfano i requisiti della CEI 0-16:2022-03, CEI 0-16; V1:2022-11, CEI 0-16 V2:2023 e CEI 0-16;V3:2024-01
"Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti AT ed MT delle imprese distributrici di energia elettrica"
We declare that the products indicated meet the requirements laid down by CEI 0-16:2022-03, CEI 0-16; V1:2022-11, CEI 0-16 V2:2023 e CEI 0-16;V3:2024-01
"Reference technical rules for the connection of active and passive consumers to the HV and MV electrical networks of distribution Company"

Validità della Dichiarazione
Validity of the Declaration

Questa Dichiarazione è valida per i prodotti indicate, cosl come descritt nei Fascicoli citati. Nuovi requisiti o emendamenti a requisiti esistenti, cosl come modifiche al prodotto, possono implicare nuove verifiche e certificazioni.
This Declaration is valid only for the products indicated herein, as described in the Files mentioned. New requirements or amendment to existing ones, or modifications to the product, may imply re-verification and re-certification.

Dattero: 21.04.2025
Date:

Firma:
Signature: A. Chen

TÜV Rheinland LGA Products GmbH
Zertifizierungsstelle